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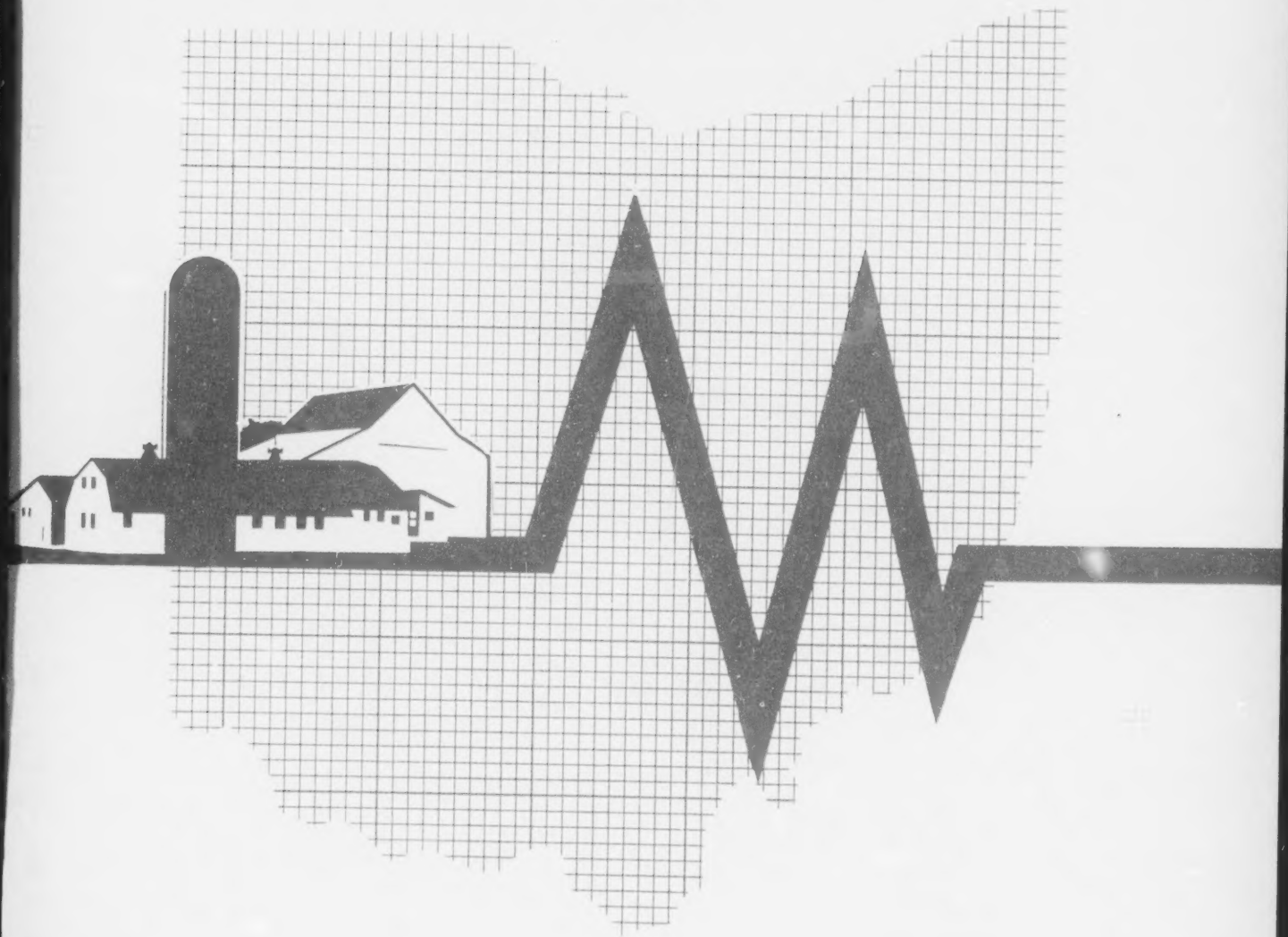
Ohio Agricultural Statistics

1982



OHIO
CROP
REPORTING
SERVICE

JUNE 1983

1982

OHIO AGRICULTURAL STATISTICS

Compiled by

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ACKNOWLEDGMENTS

Estimates made by the Ohio Crop Reporting Service are based on information supplied by crop, livestock and price reporters who voluntarily reply to mailed questionnaires, furnishing information on their farms. To supplement our estimates from the mailed questionnaires, considerable information is collected in person or by telephone, by statisticians and enumerators.

Our appreciation is extended to the large number of Ohio farmers and agribusinessmen for their interest and cooperation in providing the basic data used to prepare the estimates for this bulletin.

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1982 ANNUAL CROP, VEGETABLE AND FRUIT REVIEW

Ohio farmers produced a record high output of the four major feed, food, and oilseed crops in 1982. Production of these four crops totaled 19,471,600 tons--4 percent higher than the previous record set in 1980. Corn output reached a new record high, soybean production was the second highest ever attained, oats output increased 40 percent from last year, but not close to a record. Weather pushed winter wheat production down 24 percent from 1981.

This record high amount of major crops boosted the total value of all principal crops to $2.6 billion--a 19 percent increase over 1981's value when weather reduced total return, but 11 percent below 1980's value when prices were higher.

Snow covered the ground for most of the 1981-82 winter, but periodic thawing caused melting which later refroze, forming crusted snow and ice, and smothering large areas of winter wheat seedlings. A cold, wet March and early April killed more wheat, delayed growth and prevented timely fertilizer applications. Winter kill was greatest in northwestern Ohio where soil types and topography prevent adequate drainage. The severe winter was the major reason that 250,000 wheat acres were disked under and replanted to other crops, the largest abandonment since 1930. This lowered the 1982 Ohio wheat production to 55.0 million bushels, 24 percent below last year. Wheat combining began in early July, one week behind schedule, but fair weather allowed the harvest to move quickly and was completed by the end of July--one week ahead of average. Top wheat producing counties shifted because of the winterkill in the northwest. The top five counties for 1982 were Seneca, Pickaway, Hancock, Darke and Allen.

Almost ideal weather prevailed after the last snows melted, and spring plantings were mainly done in a five-week period from mid-April to mid-May. Corn Planting was finished by May 16 (three weeks ahead of normal). The early planting season and ideal harvest conditions allowed an early harvest--eight days ahead of average. Corn production reached a record high 475.0 million bushels, surpassing the 1980 high of 440.7 million bushels. The 1982 output was achieved from 4.1 million harvested acres and a State record high average yield of 117.0 bushels per acre. Precipitation was below normal from mid-July through October. Signs of stress were observed, but corn ear development and kernel filling was not severely stunted in most Ohio Counties. Plant population was high, offsetting any ear size reduction. Corn value of production rose to $1,211.3 million, 36 percent above last year. The top five corn producing counties were Pickaway, Darke, Clinton, Wood, and Fayette.

Soybean plantings were completed by early June, two weeks ahead of average. Although dry weather in July and August caused some stress, pod counts were high and the pods filled well. The State average record high yield was 37.0 bushels per acre, an 8.5 bushel per acre increase over last year. Total production was 138.0 million bushels, 38 percent greater than the disappointing 1981 crop. Mexican bean beetle was a minor problem compared to the 1980 season. Value of soybean production was $772.9 million, a 25 percent increase from last year. Wood, Putnam, Van Wert, Darke, and Hancock were the top producing soybean counties.

Production of oats rose to 23.8 million bushels, 40 percent above last season's record low. Yield was 70.0 bushels per acre, up 7 bushels per acre from a year ago.

Hay production was 3.6 million tons, up slightly from 1981. Alfalfa hay production accounted for 1.7 million tons of the total. Rain damaged some first cuttings and below normal rainfall stunted growth for some later cuttings.

Production of all types of tobacco was 31.9 million pounds, a 9.0 million pound increase from last year's tobacco production. Burley tobacco accounted for 28.35 million of the total poundage.

Vegetable crops: Production of Ohio fresh market commercial vegetables totaled 1,693,000 cwt., a 9 percent increase from 1981. Total output increased for each fresh market vegetable crop, ranging from 2 percent for tomatoes, 7 percent for sweet corn, 11 percent for onions, 20 percent for celery, and 36 percent for lettuce. The higher output depressed prices and producers realized a lower total farm value for their crops. Prices tumbled anywhere from 6 percent for sweet corn to 23 to 26 percent for the muck soil crops--celery, lettuce, and onions. The total farm value of sweet corn and lettuce held steady from a year earlier with the higher production offsetting the lower prices. But the total farm value of onions declined 9 percent, celery dropped 10 percent and fresh market tomatoes lost 15 percent from a year ago.

Ohio production of vegetables for processing totaled 391,880 tons; tomato output, at 368,100 tons, accounted for 94 percent of the processing vegetable production. More acreage and higher yields boosted tomato production 45 percent above the previous year's output and a slightly higher price per ton pushed total farm value to $32.8 million--a 52 percent increase from 1981.

Strawberry production in 1982 was the second highest of record with 125,000 cwt., exceeded only by 1980 output of 133,000 cwt. and compares with 80,000 cwt. produced in 1981. Average prices, at $52.00 per cwt., were unchanged from 1981, but up $2.40 per cwt. from 1980. Total farm value of Ohio strawberries, at $6.5 million, was up 56 percent from 1981. Harvested acreage, at 1,900 acres, held unchanged from both 1980 and 1981. "You-pick" continued as the primary method of harvest, accounting for 83 percent of the crop.

* * * * *

The 1982 potato production in Ohio was generally excellent. The average yield, at 246 cwt. per acre, almost matched the record high level attained in 1976 at 249 cwt. per acre. Harvested acreage increased 500 acres from 1981, but was down 200 acres from 1980. Generally Ohio's potato acreage has declined steadily since 1974. The early growing season for potatoes in 1982 was nearly ideal, helping to reach the high yields. Plantings and early growth occurred during relatively warm and dry conditions. This was followed by cooler temperatures and more moisture in June which really set the potatoes for an excellent yield.

* * * * *

Fruit output in 1982 varied from a near record apple crop, to a mediocre grape output, to a very small peach crop--most producers did not have any commercial peach production. The 1982 apple crop, with an output of 165.0 million pounds, was second to the record high crop of 170.0 million pounds produced in 1980. The eastern one-half of the State was plagued with "17-year-cicada" infestation. However, most orchardists were able to maintain control with proper spray programs. The 1982 peach crop was estimated at .3 million pounds. This small crop resulted from early winter freeze damage and subsequent frost to complete the crop failure. Grape production totaled 9,000 tons in 1982, dropping 13 percent from the 1981 crop of 10,300 tons and 25 percent less than the 1980 output of 12,000 tons. Grape yields were down sharply in the northeast, while yields in the north central area were exceptionally good. Production and yield problems in the northeast were attributed to the early infestation of the grape flea beetle (steely bugs). Concord grape output accounted for 85 percent of the 8,700 tons processed in 1982.

CROP REPORTING DISTRICTS

Annual summary: Crop production and value, Ohio, 1980-82 1/

Crop	Ohio Planted 1982	Ohio Acres harvested 1980	Ohio Acres harvested 1981	Ohio Acres harvested 1982	U.S. Acres harvested 1982	Ohio Yield per acre 1980	Ohio Yield per acre 1981	Ohio Yield per acre 1982	U.S. Yield per acre 1982	Unit
	Thou. acres	Thousands								
All corn	4,350									
Corn for grain	-	3,900	3,750	4,060	73,152	113.0	96.0	117.0	114.8	Bu.
Corn for silage	-	215	285	270	7,882	14.5	14.0	16.0	14.3	Ton
Winter wheat	1,500	1,370	1,650	1,250	58,347	49.0	44.0	44.0	36.1	Bu.
All wheat	1,500	1,370	1,650	1,250	78,841	49.0	44.0	44.0	35.6	Bu.
Soybeans for beans	3,750	3,760	3,500	3,730	70,783	36.0	28.5	37.0	32.2	Bu.
Oats	380	290	270	340	10,561	67.0	63.0	70.0	58.4	Bu.
Barley	3/	8	3/	3/	9,113	52.0	3/	3/	57.3	Bu.
Rye	80	7	5	5	715	33.0	30.0	31.0	29.1	Bu.
Potatoes - summer	1.3	1.4	1.2	1.2	96.8	220	190	250	222	Cwt.
- fall	10.0	9.5	9.0	9.5	1,087.7	210	210	245	280	Cwt.
- total	11.3	10.9	10.2	10.7	1,273.5	211	208	246	274	Cwt.
Sugar beets	0	17.8	14.4	0	1,032.4	19.1	19.1	0	20.6	Tons
Tobacco - Miami V. (41-44)	-	1.4	1.7	1.8	12.5	1,700	1,440	1,950	1,993	Lbs.
- burley (31)	-	9.8	11.4	12.6	340.3	1,800	1,790	2,250	2,379	Lbs.
- total all types	-	11.2	13.1	14.4	907.[illegible]	1,788	1,745	2,213	2,183	Lbs.
All hay	-	1,430	1,380	1,300	60,679	2.51	2.52	2.75	2.51	Tons
Alfalfa	-	540	460	450	26,548	3.10	3.15	3.80	3.41	Tons
All other hay	-	890	920	850	34,131	2.15	2.20	2.20	1.81	Tons
Strawberries	1.9	1.9	1.9	1.9	39.5	70	42	66	223	Cwt.
Apples - commercial 5/	-	-	-	-	-	-	-	-	-	Lbs.
Peaches 5/	-	-	-	-	-	-	-	-	-	Lbs.
Grapes 5/	-	-	-	-	-	-	-	-	-	Tons
		Acres								
Sweet corn	17,000	15,500	15,000	16,000	177,900	70	65	65	79	Cwt.
Celery	420	390	440	410	36,640	440	360	460	490	Cwt.
Lettuce	700	600	550	550	218,800	135	110	150	280	Cwt.
Onions - storage type 6/	580	540	530	570	124,220	305	320	330	333	Cwt.
Tomatoes (fresh)	1,200	650	900	1,100	122,900	140	210	175	222	Cwt.
All fresh market	19,900	17,680	17,420	18,630	925,350	-	-	-	-	Cwt.
Tomatoes (processing)	18,900	16,800	14,100	18,800	295,300	15.00	17.95	19.58	24.72	Ton
Other processing 7/		8/	1,230	1,130	955,540	-	-	-	-	Ton
All processing		8/	15,330	19,930	1,250,840	-	-	-	-	Ton

1/Data for the United States, where applicable, include all seasonal groups and are rounded to conserve space.
2/Price per unit for Ohio grain and hay crops obtained from Agricultural Prices, April 1983. Farm value calculated using revised prices. U.S. prices and value obtained from Crop Values, January 1983. Revisions available January 1984.
3/Estimate discontinued.
4/Not available at time of publication.
5/Production utilized.
6/When computing crop values, 14,000 cwt., 27,000 cwt., and 19,000 cwt. were shrinkages in 1980, 1981 and 1982.
7/Includes snap beans and carrots for Ohio; snap beans, sweet corn, and peas for U.S.
8/Not comparable with 1981 and 1982.

Annual summary: Crop production and value, Ohio, 1980-82 1/ (continued)

Crop	Ohio Production			U. S.	Ohio Price per unit		U.S.	Ohio Farm value		U.S.
	1980	1981	1982	1982	1981	1982	1982	1981	1982 2/	1982
	Thousands				Dollars			Thousand dollars		
All corn										
Corn for grain	440,700	360,000	475,020	8,397,334	2.48	2.55	2.32	892,800	1,211,301	19,397,431
Corn for silage	3,118	3,990	4,320	112,740	-	-	-	-	-	-
Winter wheat	67,130	72,600	55,000	2,108,246	3.55	3.15	3.36	257,730	173,250	7,080,066
All wheat	67,130	72,600	55,000	2,808,737	3.55	3.15	3.39	257,730	173,250	9,516,018
Soybeans for beans	135,360	99,750	138,010	2,276,976	6.18	5.60	5.48	616,455	772,856	12,480,387
Oats	19,430	17,010	23,800	616,981	2.12	1.45	1.45	36,061	34,510	896,206
Barley	416	3/	3/	522,387	3/	3/	2.09	3/	3/	1,088,788
Rye	231	150	155	20,817	3.60	3.45	2.45	540	535	51,650
Potatoes - summer	308	228	300	21,460	-	-	-	-	-	-
- fall	1,995	1,890	2,328	304,986	-	-	-	-	-	-
- total	2,303	2,118	2,628	349,268	6.15	5.20	4.59	13,072	13,718	1,589,333
Sugar beets	339	274	0	21,272	28.90	0	4/	7,919	0	4/
Tobacco - Miami V. (41-44)	2,380	2,448	3,510	24,910	105.0	90.0	75.4	2,570	3,159	18,781
- burley (31)	17,640	20,406	28,350	809,695	179.2	183.0	181.0	36,568	51,881	1,465,218
- total all types	20,020	22,854	31,860	1,982,245	171.3	172.8	176.5	39,138	55,040	3,497,705
All hay	3,588	3,473	3,580	152,424	85.50	84.00	68.90	296,942	300,720	9,649,234
Alfalfa	1,674	1,449	1,710	90,513	-	-	-	-	-	-
All other hay	1,914	2,024	1,870	61,911	-	-	-	-	-	-
Strawberries	133	80	125	8,779	52.00	52.00	48.10	4,160	6,500	421,928
Apples - commercial 5/	170,000	100,000	165,000	8,198,000	.206	.152	.106	20,578	25,112	869,481
Peaches 5/	12,000	2,000	300	2,108,900	.310	.320	.144	620	96	303,556
Grapes 5/	12.0	10.3	9.0	5,654.7	198.00	203.00	232.00	2,039	1,823	1,311,909
Sweet corn	1,085	975	1,040	13,987	12.50	11.60	12.10	11,993	12,064	169,862
Celery	172	158	189	17,948	12.30	9.28	10.50	1,943	1,754	189,296
Lettuce	81	61	83	61,239	43.50	32.10	11.80	2,654	2,664	722,088
Onions - storage type	165	170	188	41,337	11.10	8.50	8.45	1,587	1,437	318,500
Tomatoes (fresh)	91	189	193	27,358	28.70	23.80	22.80	5,424	4,593	623,441
All fresh market	1,594	1,553	1,693	202,790	-	-	-	23,601	22,504	2,612,311
Tomatoes (processing)	252,000	253,100	368,100	7,298,990	85.40	89.10	71.60	21,615	32,798	522,422
Other processing	8/	18,960	23,780	3,913,480	-	-	-	1,012	1,400	393,809
All processing	8/	272,060	391,880	11,212,470	-	-	-	22,627	34,198	916,231

Number of farms, land in farms, average size farm, Ohio, 1981-82

County & District	Number of farms		Average size of farm		Land in farms	
	1981	1982	1981	1982	1981	1982
			Acres		Thousand acres	
Allen	1,280	1,250	155	157	198	196
Defiance	1,150	1,120	193	196	222	219
Fulton	1,380	1,350	173	176	239	237
Hancock	1,420	1,390	205	207	291	288
Henry	1,370	1,340	182	184	250	247
Lucas	630	620	144	145	91	90
Paulding	850	830	285	288	242	239
Putnam	1,680	1,650	173	174	290	287
Van Wert	1,060	1,040	237	238	251	248
Williams	1,160	1,130	194	196	225	222
Wood	1,620	1,580	217	220	351	347
District 1	13,600	13,300	195	197	2,650	2,620
Ashland	1,250	1,230	172	174	215	214
Crawford	1,060	1,040	210	213	223	221
Erie	570	560	181	182	103	102
Huron	1,140	1,120	222	223	253	250
Lorain	1,130	1,110	132	132	149	147
Ottawa	690	680	181	182	125	124
Richland	1,240	1,210	155	157	192	190
Sandusky	1,120	1,100	205	207	230	228
Seneca	1,610	1,580	194	196	312	309
Wyandot	890	870	279	282	248	245
District 2	10,700	10,500	192	193	2,050	2,030
Ashtabula	1,400	1,390	132	132	185	184
Columbiana	1,240	1,250	137	137	170	171
Cuyahoga	220	210	32	29	7	6
Geauga	660	650	109	109	72	71
Lake	310	300	65	63	20	19
Mahoning	810	810	116	116	94	94
Medina	1,260	1,270	110	109	138	139
Portage	1,000	990	119	119	119	118
Stark	1,470	1,480	116	116	170	171
Summit	330	330	76	76	25	25
Trumbull	1,110	1,120	117	117	130	131
Wayne	2,090	2,100	139	139	290	291
District 3	11,900	11,900	119	119	1,420	1,420
Auglaize	1,330	1,320	179	180	238	237
Champaign	1,170	1,160	213	214	249	248
Clark	970	960	211	213	205	204
Darke	2,450	2,430	144	144	353	351
Hardin	1,310	1,300	211	212	277	276
Logan	1,170	1,160	215	216	251	250
Mercer	1,690	1,680	162	162	273	272
Miami	1,310	1,300	163	164	214	213
Shelby	1,300	1,290	177	178	230	229
District 4	12,700	12,600	180	181	2,290	2,280
Delaware	1,070	1,080	199	199	213	215
Fairfield	1,290	1,280	185	186	238	238
Fayette	750	740	337	341	253	252
Franklin	790	780	184	185	145	144
Knox	1,430	1,420	173	174	248	247
Licking	1,610	1,600	176	176	283	281
Madison	830	820	324	327	269	268
Marion	900	890	242	242	218	215
Morrow	1,060	1,050	173	173	183	182
Pickaway	910	900	329	331	299	298
Ross	970	960	271	272	263	261
Union	1,190	1,180	217	219	258	259
District 5	12,800	12,700	224	225	2,870	2,860

Number of farms, land in farms, average size farm, Ohio, 1981-82

County & District	Number of farms		Average size of farm		Land in farms	
	1981	1982	1981	1982	1981	1982
			Acres		Thousand acres	
Belmont	850	860	169	169	144	145
Carroll	860	870	151	151	130	131
Coshocton	1,040	1,030	195	194	203	200
Harrison	580	590	203	202	118	119
Holmes	1,690	1,670	126	127	213	212
Jefferson	550	560	155	155	85	87
Tuscarawas	1,230	1,220	144	144	177	176
District 6	6,800	6,800	157	157	1,070	1,070
Butler	1,190	1,180	143	143	170	169
Clermont	1,180	1,170	108	109	128	127
Clinton	1,070	1,060	229	229	245	243
Greene	1,090	1,080	195	195	212	211
Hamilton	360	340	83	85	30	29
Montgomery	1,160	1,150	112	112	130	129
Preble	1,440	1,420	164	165	236	234
Warren	1,110	1,100	152	153	169	168
District 7	8,600	8,500	153	154	1,320	1,310
Adams	1,640	1,630	130	130	213	212
Brown	1,950	1,930	123	123	240	238
Gallia	890	880	137	138	122	121
Highland	1,640	1,620	162	162	265	263
Jackson	530	520	170	171	90	89
Lawrence	570	560	130	130	74	73
Pike	630	620	187	189	118	117
Scioto	750	740	157	158	118	117
District 8	8,600	8,500	144	145	1,240	1,230
Athens	640	630	173	175	111	110
Guernsey	970	960	159	159	154	153
Hocking	490	480	137	138	67	66
Meigs	610	600	182	183	111	110
Monroe	840	830	167	167	140	139
Morgan	720	710	188	189	135	134
Muskingum	1,260	1,250	178	178	224	223
Noble	700	690	197	199	138	137
Perry	760	750	139	140	106	105
Vinton	250	250	200	200	50	50
Washington	1,060	1,050	145	146	154	153
District 9	8,300	8,200	167	168	1,390	1,380
STATE	94,000	93,000	173	174	16,300	16,200

*Counties with less than 1,000 acres not published.

Number of farms, land in farms, and average size farm, Ohio and United States, 1977-82

	Number of farms		Land in farms		Average size farm	
	Ohio	U.S.	Ohio	U.S.	Ohio	U.S.
			Thousand acres		Acres	
1977	97,000	2,455,830	16,400	1,047,785	169	427
1978	96,000	2,436,250	16,300	1,044,790	170	429
1979	96,000	2,429,960	16,300	1,043,195	170	429
1980	95,000	2,427,830	16,300	1,042,245	172	429
1981	94,000	2,434,010	16,300	1,042,100	173	428
1982	93,000	2,400,260	16,200	1,038,730	174	433

Note: A farm is defined as a place with annual sales of agricultural commodities of $1,000 or more.

Corn for grain: Acreage, yield and production, Ohio, 1981-82

County & District	Acreage harvested		Yield		Production	
	1981	1982	1981	1982	1981	1982
	Acres		Bu. per acre		Bushels	
Allen	55,600	53,600	100.9	128.7	5,612,000	6,898,000
Defiance	38,100	45,200	95.3	127.6	3,631,000	5,768,000
Fulton	93,100	96,200	111.4	121.9	10,371,000	11,727,000
Hancock	72,400	75,400	98.7	120.4	7,144,000	9,078,000
Henry	71,600	76,300	108.8	132.6	7,789,000	10,117,000
Lucas	25,600	28,000	111.1	136.1	2,845,000	3,811,000
Paulding	47,100	55,800	99.0	130.7	4,663,000	7,293,000
Putnam	58,400	65,100	96.1	125.5	5,614,000	8,170,000
Van Wert	74,400	75,400	106.4	137.3	7,919,000	10,352,000
Williams	59,200	60,000	97.8	117.6	5,788,000	7,056,000
Wood	104,100	109,000	94.8	118.3	9,867,000	12,896,000
District 1	699,600	740,000	101.8	125.9	71,243,000	93,166,000
Ashland	48,100	51,300	91.3	109.1	4,390,000	5,597,000
Crawford	61,200	66,400	108.6	122.4	6,648,000	8,127,000
Erie	33,600	33,000	110.9	120.6	3,726,000	3,980,000
Huron	62,200	65,000	110.8	109.6	6,892,000	7,124,000
Lorain	28,000	30,000	92.2	105.7	2,582,000	3,171,000
Ottawa	19,400	21,700	107.2	105.6	2,080,000	2,292,000
Richland	43,600	42,500	95.4	117.9	4,158,000	5,011,000
Sandusky	56,200	59,300	105.0	119.4	5,901,000	7,080,000
Seneca	78,800	84,000	104.6	117.9	8,246,000	9,903,000
Wyandot	54,900	61,800	97.5	109.8	5,355,000	6,786,000
District 2	486,000	515,000	102.8	114.7	49,978,000	59,071,000
Ashtabula	19,400	18,600	99.6	83.4	1,933,000	1,551,000
Columbiana	29,100	25,400	101.9	110.7	2,965,000	2,812,000
Cuyahoga	*	*	*	*	*	*
Geauga	6,700	6,000	93.4	82.8	626,000	497,000
Lake	1,400	1,500	86.4	84.7	121,000	127,000
Mahoning	20,000	19,000	92.9	105.0	1,857,000	1,995,000
Medina	28,200	29,200	97.9	111.0	2,762,000	3,241,000
Portage	23,700	25,600	95.9	90.5	2,274,000	2,317,000
Stark	35,600	40,000	97.4	103.5	3,469,000	4,140,000
Summit	3,500	5,600	95.1	97.7	333,000	547,000
Trumbull	21,200	20,800	99.0	91.6	2,099,000	1,905,000
Wayne	96,900	87,900	95.9	121.4	9,289,000	10,672,000
District 3	286,000	280,000	97.0	106.6	27,753,000	29,848,000
Auglaize	55,300	66,500	94.4	131.0	5,220,000	8,712,000
Champaign	88,800	101,600	107.0	106.5	9,506,000	10,824,000
Clark	65,300	75,000	100.5	117.7	6,560,000	8,828,000
Darke	96,300	103,500	97.8	130.5	9,421,000	13,507,000
Hardin	75,300	71,300	94.3	114.7	7,100,000	8,178,000
Logan	69,600	87,800	89.0	120.7	6,196,000	10,597,000
Mercer	62,700	81,100	94.9	130.5	5,950,000	10,584,000
Miami	70,300	73,500	105.6	119.9	7,426,000	8,813,000
Shelby	65,600	69,700	97.6	116.8	6,404,000	8,141,000
District 4	649,200	730,000	98.2	120.8	63,783,000	88,184,000
Delaware	60,300	61,100	92.0	100.7	5,550,000	6,153,000
Fairfield	74,600	90,300	81.0	113.4	6,043,000	10,240,000
Fayette	93,900	99,800	84.6	118.6	7,946,000	11,836,000
Franklin	41,300	45,800	77.2	101.8	3,189,000	4,663,000
Knox	51,700	52,800	107.1	110.5	5,539,000	5,834,000
Licking	57,500	63,200	93.7	108.4	5,387,000	6,851,000
Madison	81,000	88,300	71.4	113.5	5,784,000	10,022,000
Marion	69,900	69,400	89.3	104.6	6,244,000	7,259,000
Morrow	43,400	46,000	94.7	118.3	4,108,000	5,442,000
Pickaway	92,300	118,000	85.4	118.5	7,885,000	13,982,000
Ross	59,100	67,000	91.5	119.3	5,406,000	7,993,000
Union	66,000	68,300	85.1	101.1	5,618,000	6,904,000
District 5	791,000	870,000	86.9	111.7	68,699,000	97,179,000

Corn for grain: Acreage, yield and production, Ohio, 1981-82

County & District	Acreage harvested		Yield		Production	
	1981	1982	1981	1982	1981	1982
	Acres		Bu. per acre		Bushels	
Belmont	6,200	5,200	92.6	110.8	574,000	576,000
Carroll	14,300	14,800	79.0	99.6	1,130,000	1,474,000
Coshocton	44,900	56,000	106.8	131.9	4,796,000	7,386,000
Harrison	5,400	7,100	90.0	100.3	486,000	712,000
Holmes	32,500	32,800	96.3	114.8	3,131,000	3,765,000
Jefferson	6,300	7,400	86.0	103.9	542,000	769,000
Tuscarawas	28,800	26,700	91.2	111.9	2,627,000	2,988,000
District 6	138,400	150,000	96.0	117.8	13,286,000	17,670,000
Butler	46,000	52,300	99.6	107.6	4,583,000	5,628,000
Clermont	17,200	23,800	84.2	115.0	1,449,000	2,737,000
Clinton	89,200	102,200	86.2	126.2	7,692,000	12,898,000
Greene	74,300	78,900	94.3	128.6	7,009,000	10,147,000
Hamilton	6,600	7,900	98.0	119.5	647,000	944,000
Montgomery	39,800	36,900	103.1	124.0	4,103,000	4,576,000
Preble	105,600	86,600	114.7	133.3	12,116,000	11,544,000
Warren	45,400	51,400	93.2	126.1	4,233,000	6,482,000
District 7	424,100	440,000	98.6	124.9	41,832,000	54,956,000
Adams	24,200	35,600	77.6	94.6	1,877,000	3,368,000
Brown	36,500	47,100	86.4	109.2	3,152,000	5,143,000
Gallia	4,600	5,300	91.1	94.5	419,000	501,000
Highland	75,200	93,900	88.3	104.7	6,641,000	9,831,000
Jackson	8,900	10,600	92.2	99.3	821,000	1,053,000
Lawrence	2,200	2,900	90.0	90.0	198,000	261,000
Pike	17,900	24,500	92.4	106.1	1,654,000	2,599,000
Scioto	10,900	15,100	89.7	105.3	978,000	1,590,000
District 8	180,400	235,000	87.3	103.6	15,740,000	24,346,000
Athens	6,100	6,600	87.0	89.2	531,000	589,000
Guernsey	6,700	7,400	76.7	92.8	514,000	687,000
Hocking	7,800	8,900	85.0	103.3	663,000	919,000
Meigs	5,200	6,400	85.2	103.6	443,000	663,000
Monroe	2,200	2,400	78.6	94.2	173,000	226,000
Morgan	6,300	8,400	80.8	108.3	509,000	910,000
Muskingum	24,900	21,300	75.5	117.8	1,879,000	2,509,000
Noble	2,200	2,200	79.5	100.5	175,000	221,000
Perry	19,500	23,700	78.9	108.7	1,539,000	2,576,000
Vinton	4,700	3,900	94.0	97.2	442,000	379,000
Washington	9,700	8,800	84.3	104.7	818,000	921,000
District 9	95,300	100,000	80.7	106.0	7,686,000	10,600,000
STATE	3,750,000	4,060,000	96.0	117.0	360,000,000	475,020,000

*Counties with less than 1,000 acres not published.

Corn silage: Harvested acreage, yield and production, by districts, Ohio, 1981-82

District	Harvested acres		Yield		Production	
	1981	1982	1981	1982	1981	1982
	Acres		Tons per acre		Thousand tons	
1	35,400	38,000	15.5	17.8	549	676
2	33,300	23,000	14.6	14.2	486	326
3	58,100	66,000	12.1	14.8	703	980
4	54,900	49,000	13.2	15.9	725	780
5	44,000	28,000	16.0	16.6	704	466
6	18,600	19,000	12.6	16.0	234	304
7	14,800	17,000	16.1	18.8	238	320
8	13,600	13,000	13.7	14.8	186	193
9	12,300	17,000	13.4	16.2	165	275
State	285,000	270,000	14.0	16.0	3,990	4,320

Soybeans: Acreage, yield and production, Ohio, 1981-82

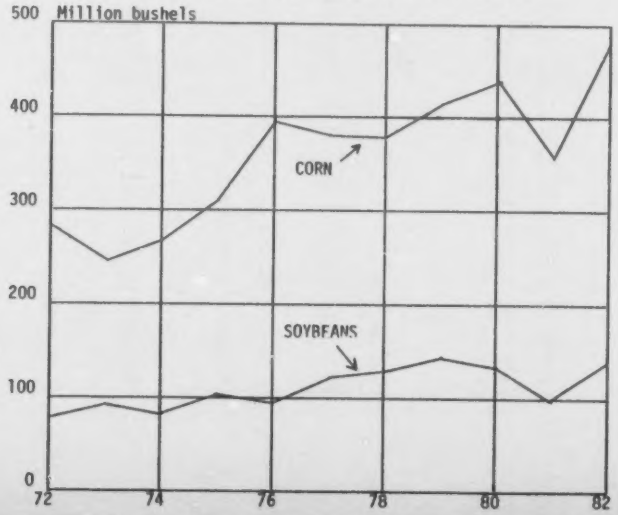
County & District	Acreage harvested		Yield		Production	
	1981	1982	1981	1982	1981	1982
	Acres		Bu. per acre		Bushels	
Allen	65,900	81,300	28.5	39.6	1,876,000	3,219,000
Defiance	71,400	83,300	20.0	35.1	1,425,000	2,924,000
Fulton	67,900	92,500	31.9	37.5	2,169,000	3,469,000
Hancock	100,000	111,100	25.1	38.9	2,509,000	4,322,000
Henry	89,900	97,700	26.6	40.5	2,393,000	3,957,000
Lucas	33,100	38,000	33.0	39.7	1,091,000	1,509,000
Paulding	84,900	98,700	24.1	39.2	2,043,000	3,869,000
Putnam	115,000	127,500	24.7	41.6	2,838,000	5,304,000
Van Wert	97,600	106,900	29.9	44.6	2,918,000	4,768,000
Williams	59,300	67,900	24.2	36.1	1,433,000	2,451,000
Wood	118,000	145,100	24.6	37.0	2,900,000	5,368,000
District 1	903,000	1,050,000	26.1	39.2	23,595,000	41,160,000
Ashland	20,400	23,700	26.6	33.9	542,000	803,000
Crawford	66,900	81,100	35.7	40.6	2,389,000	3,293,000
Erie	24,400	28,700	35.1	35.6	856,000	1,022,000
Huron	81,700	87,000	30.2	32.2	2,465,000	2,801,000
Lorain	40,700	46,000	26.1	31.8	1,062,000	1,462,000
Ottawa	44,400	57,000	27.0	33.9	1,199,000	1,932,000
Richland	27,000	36,000	28.3	37.9	765,000	1,364,000
Sandusky	69,400	85,200	30.0	36.0	2,080,000	3,067,000
Seneca	108,000	110,600	28.3	35.3	3,052,000	3,904,000
Wyandot	88,100	97,700	28.9	35.5	2,550,000	3,468,000
District 2	571,000	653,000	29.7	35.4	16,960,000	23,116,000
Ashtabula	7,600	10,200	24.3	28.5	185,000	291,000
Columbiana	2,000	2,200	32.8	27.3	65,600	60,000
Cuyahoga	*	1,600	*	32.5	*	52,000
Geauga	*	1,300	*	30.8	*	40,000
Lake	*	1,100	*	28.2	*	31,000
Mahoning	1,700	3,100	26.2	28.4	44,500	88,000
Medina	20,000	24,000	28.9	32.3	578,000	775,000
Portage	8,500	14,000	24.5	27.1	208,000	379,000
Stark	13,100	16,600	35.6	31.6	467,000	525,000
Summit	*	*	*	*	*	*
Trumbull	7,500	11,300	30.9	28.2	232,000	319,000
Wayne	15,000	19,700	30.9	37.2	463,000	732,000
District 3	78,700	106,000	29.6	31.3	2,330,000	3,318,000
Auglaize	71,200	65,400	26.4	41.7	1,879,000	2,727,000
Champaign	54,900	55,100	32.6	34.7	1,790,000	1,912,000
Clark	54,200	53,100	33.5	38.9	1,818,000	2,066,000
Darke	130,000	115,300	30.7	39.7	3,997,000	4,576,000
Hardin	90,200	107,300	28.1	36.7	2,531,000	3,938,000
Logan	64,300	57,100	29.5	35.5	1,897,000	2,027,000
Mercer	85,600	86,800	29.1	40.9	2,490,000	3,550,000
Miami	71,200	72,500	33.0	38.7	2,351,000	2,806,000
Shelby	60,400	65,400	29.5	37.2	1,782,000	2,433,000
District 4	682,000	678,000	30.1	38.4	20,535,000	26,035,000
Delaware	72,300	78,100	25.6	33.6	1,851,000	2,624,000
Fairfield	36,500	30,500	24.8	34.4	905,000	1,049,000
Fayette	80,600	89,500	27.3	38.2	2,203,000	3,420,000
Franklin	42,800	38,000	26.4	35.7	1,130,000	1,357,000
Knox	27,200	25,200	31.5	33.7	857,000	849,000
Licking	40,500	34,700	28.1	32.7	1,139,000	1,135,000
Madison	113,000	94,600	26.9	37.5	3,042,000	3,548,000
Marion	83,500	85,300	28.9	35.7	2,409,000	3,045,000
Morrow	52,400	57,900	26.3	37.5	1,379,000	2,171,000
Pickaway	79,600	75,800	22.8	35.6	1,812,000	2,698,000
Ross	46,100	43,200	26.5	36.3	1,222,000	1,568,000
Union	107,500	101,200	29.1	31.9	3,123,000	3,228,000
District 5	782,000	754,000	26.9	35.4	21,072,000	26,692,000

Soybeans: Acreage, yield and production, Ohio, 1981-82

County & District	Acreage harvested		Yield		Production	
	1981	1982	1981	1982	1981	1982
	Acres		Bu. per acre		Bushels	
Belmont	*	*	*	*	*	*
Carroll	*	*	*	*	*	*
Coshocton	1,200	1,500	27.7	35.6	33,200	53,400
Harrison	*	*	*	*	*	*
Holmes	*	*	*	*	*	*
Jefferson	*	*	*	*	*	*
Tuscarawas	2,600	3,600	33.1	30.6	86,100	110,200
District 6	4,700	6,300	31.1	32.4	146,000	204,000
Butler	29,000	25,200	33.1	35.2	959,000	887,000
Clermont	30,700	30,400	26.7	29.4	820,000	894,000
Clinton	65,900	67,800	33.3	40.1	2,197,000	2,719,000
Greene	52,800	57,000	34.6	40.4	1,826,000	2,303,000
Hamilton	3,900	4,200	26.9	38.8	105,000	163,000
Montgomery	42,400	47,500	35.6	40.7	1,510,000	1,933,000
Preble	50,300	57,900	37.5	40.2	1,888,000	2,328,000
Warren	43,000	39,000	32.7	35.2	1,407,000	1,373,000
District 7	318,000	329,000	33.7	38.3	10,712,000	12,600,000
Adams	11,000	11,700	26.1	29.9	287,000	350,000
Brown	54,500	53,800	26.6	30.8	1,448,000	1,657,000
Gallia	*	*	*	*	*	*
Highland	61,900	61,400	28.0	34.0	1,736,000	2,088,000
Jackson	1,300	1,100	27.3	31.8	35,500	35,000
Lawrence	*	*	*	*	*	*
Pike	9,600	8,900	22.4	28.2	215,000	251,000
Scioto	14,900	11,100	32.4	29.3	483,000	325,000
District 8	154,000	149,000	27.5	31.8	4,229,000	4,738,000
Athens	*	*	*	*	*	*
Guernsey	*	*	*	*	*	*
Hocking	*	*	*	*	*	*
Meigs	*	*	*	*	*	*
Monroe	*	*	*	*	*	*
Morgan	*	*	*	*	*	*
Muskingum	*	*	*	*	*	*
Noble	*	*	*	*	*	*
Perry	2,900	1,400	22.4	27.9	65,100	39,000
Vinton	*	*	*	*	*	*
Washington	*	*	*	*	*	*
District 9	6,600	4,700	25.9	31.3	171,000	147,000
STATE	3,500,000	3,730,000	28.5	37.0	99,750,000	138,010,000

*Counties with less than 1,000 acres not published.

CORN AND SOYBEAN PRODUCTION, OHIO, 1972-1982



All wheat: Acreage, yield and production, Ohio, 1981-82

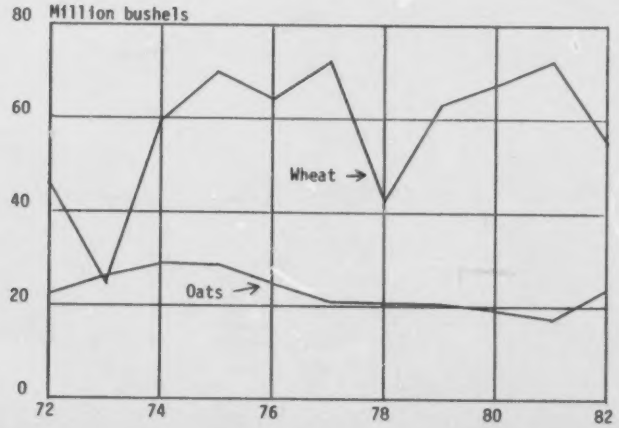
County & District	Acreage harvested		Yield		Production	
	1981	1982	1981	1982	1981	1982
	Acres		Bu. per acre		Bushels	
Allen	41,000	34,500	44.4	48.8	1,820,000	1,684,000
Defiance	45,000	27,600	44.4	35.5	1,998,000	980,000
Fulton	26,000	7,900	53.8	36.3	1,400,000	287,000
Hancock	70,000	42,400	45.2	42.1	3,165,000	1,785,000
Henry	52,000	30,500	48.6	42.0	2,528,000	1,281,000
Lucas	11,000	3,500	52.3	41.7	575,000	146,000
Paulding	56,000	20,700	46.3	36.4	2,590,000	753,000
Putnam	54,000	36,400	46.1	43.7	2,492,000	1,591,000
Van Wert	50,000	33,500	47.3	45.6	2,365,000	1,527,000
Williams	48,000	32,500	47.7	36.7	2,289,000	1,193,000
Wood	67,000	35,500	50.1	40.3	3,358,000	1,431,000
District 1	520,000	305,000	47.3	41.5	24,580,000	12,658,000
Ashland	14,000	10,400	39.9	41.4	559,000	431,000
Crawford	35,000	35,500	43.3	46.7	1,517,000	1,658,000
Erie	12,000	9,500	51.4	49.4	617,000	469,000
Huron	30,000	27,900	47.3	45.5	1,419,000	1,269,000
Lorain	11,000	11,200	42.4	41.1	466,000	460,000
Ottawa	27,000	15,600	48.5	38.7	1,310,000	604,000
Richland	16,000	11,100	37.2	35.9	595,000	398,000
Sandusky	31,000	22,300	50.8	44.5	1,576,000	992,000
Seneca	45,000	60,300	47.4	40.3	2,133,000	2,430,000
Wyandot	44,000	36,200	42.8	41.8	1,885,000	1,513,000
District 2	265,000	240,000	45.6	42.6	12,077,000	10,224,000
Ashtabula	8,500	3,500	39.5	35.7	336,000	125,000
Columbiana	10,700	6,100	45.6	44.8	488,000	273,000
Cuyahoga	*	*	*	*	*	*
Geauga	*	*	*	*	*	*
Lake	*	*	*	*	*	*
Mahoning	8,400	3,800	42.4	42.9	356,000	163,000
Medina	10,600	6,400	38.4	40.6	407,000	260,000
Portage	6,300	4,000	41.4	43.8	261,000	175,000
Stark	14,300	6,600	40.5	42.7	579,000	282,000
Summit	1,800	1,000	36.6	38.0	65,900	38,000
Trumbull	5,000	2,900	36.6	37.9	183,000	110,000
Wayne	20,600	10,500	39.5	42.5	813,000	446,000
District 3	88,000	46,000	40.5	41.8	3,562,000	1,923,000
Auglaize	36,000	31,700	41.9	45.3	1,507,000	1,435,000
Champaign	18,000	20,600	46.3	50.1	834,000	1,033,000
Clark	16,000	14,900	45.8	49.8	732,000	742,000
Darke	41,000	37,400	44.5	47.3	1,826,000	1,769,000
Hardin	49,000	35,500	42.2	45.7	2,069,000	1,621,000
Logan	24,000	24,200	41.7	46.3	1,000,000	1,120,000
Mercer	46,000	38,200	43.7	43.7	2,008,000	1,671,000
Miami	22,000	19,600	44.6	49.5	982,000	971,000
Shelby	33,000	28,900	45.1	45.3	1,489,000	1,310,000
District 4	285,000	251,000	43.7	46.5	12,447,000	11,672,000
Delaware	18,000	16,200	41.6	49.8	748,000	807,000
Fairfield	17,500	17,800	36.5	41.6	638,000	740,000
Fayette	25,000	21,600	43.2	49.4	1,079,000	1,066,000
Franklin	11,000	11,000	43.4	48.5	477,000	534,000
Knox	14,000	11,800	35.6	39.5	498,000	466,000
Licking	19,000	13,800	38.2	39.6	725,000	547,000
Madison	27,000	21,400	41.9	47.7	1,130,000	1,021,000
Marion	37,000	33,400	43.6	49.6	1,612,000	1,658,000
Morrow	16,500	16,200	42.5	48.3	702,000	783,000
Pickaway	41,000	40,500	40.3	45.8	1,651,000	1,854,000
Ross	30,000	25,900	45.9	46.3	1,376,000	1,198,000
Union	24,000	22,400	41.9	47.7	1,005,000	1,069,000
District 5	280,000	252,000	41.6	46.6	11,641,000	11,743,000

All wheat: Acreage, yield and production, Ohio, 1981-82

County & District	Acreage harvested		Yield		Production	
	1981	1982	1981	1982	1981	1982
	Acres		Bu. per acre		Bushels	
Belmont	*	*	*	*	*	*
Carroll	3,300	1,800	38.2	41.1	126,000	74,000
Coshocton	5,000	3,100	34.6	38.4	173,000	119,000
Harrison	*	*	*	*	*	*
Holmes	9,400	3,000	34.6	38.7	325,000	116,000
Jefferson	*	*	*	*	*	*
Tuscarawas	6,200	2,200	34.2	35.9	212,000	79,000
District 6	26,000	11,000	35.6	38.8	925,000	427,000
Butler	15,500	12,500	42.5	46.2	659,000	577,000
Clermont	3,600	2,900	38.9	39.3	140,000	114,000
Clinton	25,000	17,900	40.8	47.3	1,019,000	847,000
Greene	23,000	15,400	43.5	45.9	1,001,000	707,000
Hamilton	1,600	1,600	51.3	41.3	82,000	66,000
Montgomery	12,000	9,700	45.7	48.2	548,000	468,000
Preble	21,000	19,500	47.6	49.1	999,000	957,000
Warren	10,300	8,500	36.5	42.9	376,000	365,000
District 7	112,000	88,000	43.1	46.6	4,824,000	4,101,000
Adams	8,000	6,900	33.5	36.1	268,000	249,000
Brown	12,200	10,200	33.9	37.9	414,000	387,000
Gallia	*	*	*	*	*	*
Highland	26,000	21,500	38.2	42.1	993,000	905,000
Jackson	*	*	*	*	*	*
Lawrence	*	*	*	*	*	*
Pike	4,000	4,100	27.0	40.7	108,000	167,000
Scioto	2,000	1,800	26.4	40.0	52,700	72,000
District 8	54,000	46,000	35.2	39.9	1,900,000	1,835,000
Athens	*	*	*	*	*	*
Guernsey	*	*	*	*	*	*
Hocking	2,600	1,400	24.0	32.2	62,300	45,100
Meigs	*	*	*	*	*	*
Monroe	*	*	*	*	*	*
Morgan	*	*	*	*	*	*
Muskingum	3,800	2,200	32.9	38.5	125,000	84,700
Noble	*	*	*	*	*	*
Perry	5,400	3,100	30.2	38.1	163,000	118,000
Vinton	*	*	*	*	*	*
Washington	3,300	1,400	34.5	39.9	114,000	55,800
District 9	20,000	11,000	32.2	37.9	644,000	417,000
STATE	1,650,000	1,250,000	44.0	44.0	72,600,000	55,000,000

*Counties with less than 1,000 acres not published.

WHEAT AND OATS PRODUCTION, OHIO, 1972-1982



Oats for grain: Acreage, yield and production, Ohio, 1981-82

County & District	Acreage harvested		Yield		Production	
	1981	1982	1981	1982	1981	1982
	Acres		Bu. per acre		Bushels	
Allen	2,100	2,300	66.2	76.1	139,000	175,000
Defiance	6,100	10,700	72.0	73.0	439,000	781,000
Fulton	2,200	4,700	81.8	75.1	180,000	353,000
Hancock	2,500	4,800	81.2	80.0	203,000	384,000
Henry	1,900	3,400	83.2	77.9	158,000	265,000
Lucas	1,100	1,300	76.4	79.2	84,000	103,000
Paulding	3,800	12,000	83.2	73.0	316,000	876,000
Putnam	3,100	11,100	73.2	72.0	227,000	799,000
Van Wert	3,200	8,500	[illegible]	77.1	240,000	655,000
Williams	5,300	6,400	[illegible]	78.0	381,000	499,000
Wood	3,700	6,800	81.9	75.0	303,000	510,000
District 1	35,000	72,000	76.3	75.0	2,670,000	5,400,000
Ashland	9,000	11,600	51.8	65.0	466,000	754,000
Crawford	4,700	5,500	58.3	75.1	274,000	413,000
Erie	3,000	3,400	79.0	75.9	237,000	258,000
Huron	6,000	4,800	72.0	69.0	432,000	331,000
Lorain	4,400	4,600	66.4	63.9	292,000	294,000
Ottawa	2,000	4,500	72.5	66.0	145,000	297,000
Richland	7,800	6,800	51.2	66.0	399,000	449,000
Sandusky	3,500	5,300	84.9	75.1	297,000	398,000
Seneca	9,000	7,600	73.8	67.0	664,000	509,000
Wyandot	3,600	4,900	75.3	75.1	271,000	368,000
District 2	53,000	59,000	65.6	69.0	3,477,000	4,071,000
Ashtabula	8,200	8,300	53.9	68.0	442,000	564,000
Columbiana	9,300	10,700	58.5	74.0	544,000	792,000
Cuyahoga	*	*	*	*	*	*
Geauga	2,900	4,200	57.2	73.1	166,000	307,000
Lake	*	1,200	*	55.8	*	67,000
Mahoning	5,000	5,200	45.6	71.9	228,000	374,000
Medina	6,100	5,700	53.6	68.1	327,000	388,000
Portage	4,100	5,100	56.1	69.0	230,000	352,000
Stark	9,900	9,600	57.5	71.0	569,000	682,000
Summit	1,500	1,600	46.8	60.6	70,200	97,000
Trumbull	5,000	5,400	52.0	65.9	260,000	356,000
Wayne	10,200	11,800	59.9	77.0	611,000	909,000
District 3	63,000	69,000	55.3	71.0	3,484,000	4,899,000
Auglaize	11,200	13,400	65.5	73.0	734,000	978,000
Champaign	2,500	1,800	75.2	71.1	188,000	128,000
Clark	*	1,400	*	65.7	*	92,000
Darke	7,200	6,200	54.6	74.0	393,000	459,000
Hardin	5,000	3,800	78.0	72.9	390,000	277,000
Logan	5,100	6,200	77.1	74.0	393,000	459,000
Mercer	12,000	14,500	65.4	74.0	785,000	1,073,000
Miami	1,600	1,500	71.3	72.0	114,000	108,000
Shelby	7,500	11,200	70.8	72.0	531,000	806,000
District 4	53,000	60,000	67.6	73.0	3,585,000	4,380,000
Delaware	1,800	1,200	60.6	63.3	109,000	76,000
Fairfield	1,000	1,900	63.0	65.3	63,000	124,000
Fayette	*	1,600	*	71.3	*	114,000
Franklin	*	*	*	*	*	*
Knox	4,400	5,700	65.9	64.0	290,000	365,000
Licking	3,000	4,000	66.3	62.0	199,000	248,000
Madison	1,200	1,700	65.8	71.2	79,000	121,000
Marion	1,900	4,000	64.2	72.0	122,000	288,000
Morrow	2,300	3,100	62.2	72.9	143,000	226,000
Pickaway	1,000	900	65.0	70.0	65,000	63,000
Ross	*	2,200	*	65.9	*	145,000
Union	2,400	3,100	68.3	73.9	164,000	229,000
District 5	21,000	30,000	64.4	68.0	1,353,000	2,040,000

Oats for grain: Acreage, yield and production, Ohio, 1981-82

County & District	Acreage harvested		Yield		Production	
	1981	1982	1981	1982	1981	1982
	Acres		Bu. per acre		Bushels	
Belmont	1,700	2,600	52.5	61.9	89,300	161,000
Carroll	4,000	3,800	52.5	63.7	210,000	242,000
Coshocton	4,000	4,400	61.8	64.1	247,000	282,000
Harrison	*	2,000	*	60.0	*	120,000
Holmes	10,000	11,200	61.9	67.0	619,000	750,000
Jefferson	1,900	1,600	51.9	61.3	98,700	98,000
Tuscarawas	2,500	2,400	49.2	57.9	123,000	139,000
District 6	25,000	28,000	57.4	64.0	1,436,000	1,792,000
Butler	*	*	*	*	*	*
Clermont	*	*	*	*	*	*
Clinton	2,900	2,700	52.4	65.9	152,000	178,000
Greene	*	*	*	*	*	*
Hamilton	*	*	*	*	*	*
Montgomery	*	*	*	*	*	*
Preble	1,200	1,100	52.0	60.0	62,400	66,000
Warren	1,100	900	61.5	63.3	67,700	57,000
District 7	8,000	7,000	54.0	64.0	432,000	448,000
Adams	*	1,100	*	46.4	*	51,000
Brown	*	*	*	*	*	*
Gallia	*	*	*	*	*	*
Highland	*	1,200	*	55.0	*	66,000
Jackson	*	*	*	*	*	*
Lawrence	*	*	*	*	*	*
Pike	*	*	*	*	*	*
Scioto	*	*	*	*	*	*
District 8	3,000	5,000	44.3	50.0	133,000	250,000
Athens	*	*	*	*	*	*
Guernsey	*	1,400	*	47.9	*	67,000
Hocking	*	*	*	*	*	*
Meigs	*	*	*	*	*	*
Monroe	1,000	1,200	51.0	55.0	51,000	66,000
Morgan	*	1,200	*	55.0	*	66,000
Muskingum	3,000	2,700	55.0	51.9	165,000	140,000
Noble	*	*	*	*	*	*
Perry	1,000	1,400	42.6	52.1	42,600	73,000
Vinton	*	*	*	*	*	*
Washington	*	*	*	*	*	*
District 9	9,000	10,000	48.9	52.0	440,000	520,000
STATE	270,000	340,000	63.0	70.0	17,010,000	23,800,000

*Counties with less than 1,000 acres not published.

OAT PRODUCTION BY COUNTY, 1982

RANK OF FIRST TEN COUNTIES

OATS
(Thousand Bushels)

- 550 and over
- 300 – 549
- 150 – 299
- 50 – 149
- under 50

All hay: Acreage, yield and production, Ohio, 1981-82

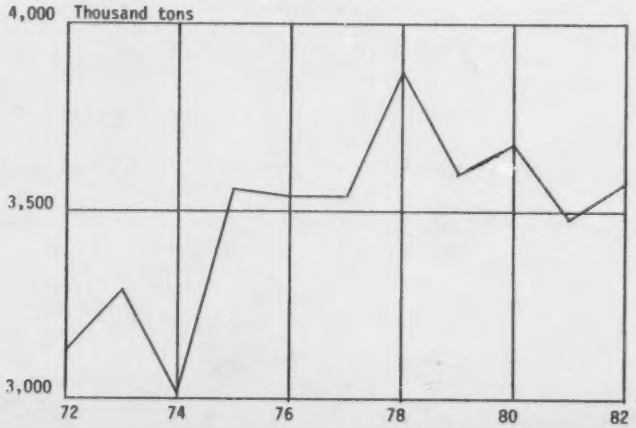
County & District	Acreage harvested		Yield		Production	
	1981	1982	1981	1982	1981	1982
	Acres		Tons per acre		Tons	
Allen	5,100	6,300	2.8	4.1	14,400	25,800
Defiance	8,000	6,700	2.3	3.2	18,400	21,400
Fulton	6,000	4,000	3.3	3.0	19,900	12,000
Hancock	6,000	5,900	2.0	2.9	12,000	17,100
Henry	5,100	4,300	2.9	3.1	14,800	13,500
Lucas	2,500	1,800	2.3	2.2	5,800	4,000
Paulding	4,500	4,900	2.1	2.2	9,500	10,800
Putnam	10,900	9,700	2.4	2.8	26,200	27,000
Van Wert	4,000	3,200	2.3	3.7	9,200	11,800
Williams	10,400	12,300	2.8	2.7	29,500	33,200
Wood	7,500	6,900	2.6	3.1	19,300	21,400
District 1	70,000	66,000	2.6	3.0	179,000	198,000
Ashland	32,300	28,300	2.9	3.5	94,100	99,000
Crawford	13,000	9,400	2.5	2.8	32,200	26,300
Erie	6,500	4,700	3.5	4.2	22,800	19,700
Huron	9,500	5,900	3.4	2.4	32,300	14,200
Lorain	18,800	14,000	3.3	2.6	62,000	36,400
Ottawa	5,800	5,100	3.0	2.8	17,400	14,300
Richland	22,400	16,000	3.0	2.9	67,400	46,400
Sandusky	9,400	6,200	3.6	3.3	33,800	20,500
Seneca	10,800	9,000	2.4	3.0	25,800	27,000
Wyandot	6,500	3,400	2.5	3.3	16,200	11,200
District 2	135,000	102,000	3.0	3.1	404,000	315,000
Ashtabula	39,000	35,200	2.3	2.4	91,400	84,500
Columbiana	35,400	31,500	3.3	2.7	118,000	85,000
Cuyahoga	1,200	1,700	2.3	2.2	2,800	3,700
Geauga	14,400	12,300	2.6	2.8	37,700	34,400
Lake	2,800	2,400	2.1	2.1	5,900	5,000
Mahoning	14,100	12,900	2.9	3.0	40,700	38,700
Medina	22,800	21,600	2.7	3.4	61,700	73,400
Portage	17,000	13,200	2.9	2.7	49,000	35,600
Stark	32,100	32,300	3.0	3.0	95,500	96,900
Summit	4,500	5,500	2.5	2.4	11,300	13,200
Trumbull	20,500	20,500	2.7	2.5	55,500	51,200
Wayne	56,200	50,900	3.3	3.9	185,500	198,400
District 3	260,000	240,000	2.9	3.0	755,000	720,000
Auglaize	21,000	14,600	2.7	3.9	56,500	57,000
Champaign	16,000	11,300	3.3	3.0	52,500	33,900
Clark	10,300	8,900	2.7	2.9	27,700	25,800
Darke	18,800	13,500	3.4	3.2	63,900	43,200
Hardin	8,500	7,500	1.8	3.7	15,000	27,800
Logan	20,100	14,900	2.7	4.1	54,100	61,100
Mercer	28,000	22,100	2.4	4.2	65,900	92,800
Miami	8,500	7,500	2.9	3.5	24,300	26,300
Shelby	23,800	16,700	2.1	3.9	50,100	65,100
District 4	155,000	117,000	2.6	3.7	410,000	433,000
Delaware	9,000	7,600	2.9	3.6	26,100	27,400
Fairfield	16,400	13,600	2.1	3.0	33,900	40,800
Fayette	7,000	7,800	1.5	2.4	10,400	18,700
Franklin	5,600	4,400	2.0	3.3	11,100	14,500
Knox	24,000	21,400	3.2	3.0	77,400	64,200
Licking	25,600	30,000	2.1	2.5	53,800	75,000
Madison	9,200	8,200	2.6	2.4	23,600	19,700
Marion	3,600	3,300	1.6	3.6	5,600	11,900
Morrow	11,700	10,000	1.8	3.2	21,300	32,000
Pickaway	14,800	11,500	2.2	2.4	33,100	27,600
Ross	16,400	18,200	2.9	2.8	47,600	51,000
Union	11,700	12,000	2.3	2.6	27,100	31,200
District 5	155,000	148,000	2.4	2.8	371,000	414,000

All hay: Acreage, yield and production, Ohio, 1981-82

County & District	Acreage harvested		Yield		Production	
	1981	1982	1981	1982	1981	1982
	Acres		Tons per acre		Tons	
Belmont	34,000	35,100	2.1	2.2	70,100	77,200
Carroll	27,200	22,800	1.9	2.3	51,700	52,400
Coshocton	28,900	21,700	2.3	2.6	66,500	56,400
Harrison	21,600	23,900	2.1	2.4	44,600	57,400
Holmes	45,400	44,600	2.3	3.0	105,000	133,900
Jefferson	17,000	19,700	3.2	2.5	54,400	49,300
Tuscarawas	30,900	32,200	2.6	2.9	80,700	93,400
District 6	205,000	200,000	2.3	2.6	473,000	520,000
Butler	19,000	17,200	2.5	3.2	46,700	55,000
Clermont	11,200	11,200	1.8	2.3	20,600	25,700
Clinton	7,600	7,500	2.9	2.5	22,000	18,800
Greene	9,500	11,200	2.7	3.2	25,800	35,800
Hamilton	3,400	3,700	1.9	2.2	6,500	8,100
Montgomery	8,800	5,600	2.3	2.6	20,100	14,600
Preble	9,500	8,400	2.5	3.1	23,300	26,000
Warren	11,000	12,200	3.0	3.2	33,000	39,000
District 7	80,000	77,000	2.5	2.9	198,000	223,000
Adams	25,400	26,200	2.1	2.0	52,800	52,400
Brown	18,100	17,900	2.8	2.5	50,200	44,800
Gallia	16,300	21,500	1.7	2.1	28,300	45,100
Highland	18,700	18,200	2.8	2.5	51,900	45,500
Jackson	14,100	17,000	1.8	1.7	25,700	28,900
Lawrence	6,600	7,500	2.1	2.1	13,700	15,800
Pike	9,000	9,700	1.6	1.7	14,000	16,500
Scioto	11,800	12,000	1.6	2.0	19,400	24,000
District 8	120,000	130,000	2.1	2.1	256,000	273,000
Athens	15,000	14,800	2.2	1.7	33,100	25,200
Guernsey	25,500	31,500	2.0	2.0	51,900	63,000
Hocking	6,600	8,100	1.8	1.7	11,900	13,800
Meigs	15,800	18,900	2.2	2.2	34,900	41,600
Monroe	21,400	23,800	1.8	2.6	38,200	61,800
Morgan	18,100	17,800	1.7	2.4	30,700	42,700
Muskingum	32,600	37,300	2.3	2.6	74,700	97,000
Noble	24,000	26,000	2.6	1.9	63,200	49,400
Perry	11,500	13,500	2.3	2.0	26,400	27,000
Vinton	6,000	7,800	2.4	1.7	14,200	13,300
Washington	23,500	20,500	2.0	2.4	47,800	49,200
District 9	200,000	220,000	2.1	2.2	427,000	484,000
STATE	1,380,000	1,300,000	2.52	2.75	3,473,000	3,580,000

*Counties with less than 1,000 acres not published.

HAY PRODUCTION, OHIO, 1972-1982



Sugar beets: Acreage, yield and production, Ohio, 1981-82 1/

County	Harvested acres		Yield		Production	
	1981	1982	1981	1982	1981	1982
	Acres		Tons per acre		Tons	
Hancock	800	0	15.3	0	12,200	0
Lucas	1,000	0	17.7	0	17,700	0
Ottawa	1,550	0	18.5	0	28,700	0
Putnam	2,400	0	18.1	0	43,400	0
Sandusky	6,200	0	20.1	0	124,800	0
Seneca	950	0	21.4	0	20,300	0
Wood	900	0	16.4	0	14,800	0
All other 2/	600	0	20.2	0	12,100	0
State	14,400	0	19.0	0	274,000	0

1/No sugar beets contracts in Ohio in 1982. 2/Includes Erie, Henry, Huron and Van Wert Counties.

Burley tobacco: Acreage, yield and production, Ohio, 1981-82

County	Harvested acres		Yield		Production	
	1981	1982	1981	1982	1981	1982
	Acres		Lbs. per acre		Lbs.	
Adams	3,180	3,250	1,790	2,260	5,698,000	7,340,000
Brown	3,425	3,910	2,060	2,435	7,056,000	9,516,000
Clermont	1,270	1,310	1,570	2,175	1,992,000	2,851,000
Gallia	1,270	1,640	1,575	2,030	1,998,000	3,331,000
Hamilton	30	40	1,710	2,105	51,000	84,300
Highland	900	1,010	1,810	2,140	1,626,000	2,158,000
Jackson	100	100	1,420	2,180	142,000	218,200
Lawrence	470	550	1,295	2,045	608,000	1,124,000
Pike	240	170	1,340	2,230	321,000	379,500
Ross	50	50	1,400	2,215	70,000	110,700
Scioto	400	490	1,875	2,190	750,000	1,073,000
Other 1/	65	80	1,445	2,055	94,000	164,300
State	11,400	12,600	1,790	2,250	20,406,000	28,350,000

1/Includes Athens, Butler, Clinton, Fayette, Greene, Meigs, Monroe, Montgomery, Noble, Vinton and Warren Counties.

Fall potatoes: Production and total stocks held by growers and dealers, Ohio, 1980-82

Crop year	Production	Stocks	Stocks following year			
		December 1	January 1	February 1	March 1	April 1
		Thousand hundredweight				
1980	1,995	500	300	185	80	*
1981	1,890	700	350	170	80	20
1982	2,328	700	320	150	70	*

*Not disclosed to avoid disclosing individual operations.

Processing tomatoes: Harvested acreage, yield and production, by county, Ohio, 1981-82

County	Harvested acreage		Yield		Production	
	1981	1982	1981	1982	1981	1982
			Ton		Ton	
Darke	330	670	12.1	18.5	4,000	12,400
Defiance	130	170	16.2	20.6	2,100	3,500
Fulton	750	900	18.5	22.1	13,900	19,900
Hancock	650	1,200	16.6	18.4	10,800	22,100
Henry	1,100	1,300	17.0	17.9	18,700	23,300
Ottawa	800	1,050	22.5	21.3	18,000	22,400
Putnam	1,900	3,150	18.0	18.9	34,200	59,600
Lucas	-	340	-	21.8	-	7,400
Sandusky	2,900	3,530	21.3	21.9	61,900	77,350
Seneca	1,050	1,100	21.6	22.5	22,700	24,700
Williams	400	510	18.3	23.9	7,300	12,200
Wood	2,200	2,800	16.5	17.9	36,400	50,000
Other	1,890	2,080	12.2	16.0	23,100	33,250
State	14,100	18,800	18.0	19.6	253,100	368,100

1/The following counties were combined for both 1981 and 1982 to avoid disclosure of individual operations: Allen, Auglaize, Erie, Huron, Mercer, Miami, Van Wert and Wyandot. In 1981, the "other" category also included Logan, Lucas, Shelby and Summit.

Processing tomatoes: Method of planting as percent of harvested acreage, Ohio. 1981-82

Methods of planting	Harvested acreage		Percent	
	1981	1982	1981	1982
Seeded	3,600	4,100	26	22
Transplanted	10,500	14,700	74	78
Total	14,100	18,800	100	100

Processing tomatoes: Method of harvesting as percent of harvested acreage, Ohio, 1981-82

Methods of harvesting	Harvested acreage		Percent	
	1981	1982	1981	1982
Mechanical	8,500	13,300	60	71
Handpicked	5,600	5,500	40	29
Total	14,100	18,800	100	100

Off-farm commercial grain storage capacity, January 1, 1982, 1983

County	Capacity*		County	Capacity*		County	Capacity*	
	1982	1983		1982	1983		1982	1983
	1,000 bushels			1,000 bushels			1,000 bushels	
Adams	210	140	Hancock	10,353	10,194	Paulding	7,010	6,500
Allen	5,538	5,496	Hardin	4,960	5,000	Perry	64	64
Ashland	1,950	1,967	Harrison	0	0	Pickaway	3,725	3,537
Ashtabula	155	231	Henry	7,933	8,202	Pike	198	38
Athens	0	6	Highland	2,280	2,366	Portage	602	617
Auglaize	3,132	3,135	Hocking	521	950	Preble	2,976	3,091
Belmont	16	16	Holmes	322	260	Putnam	2,965	3,007
Brown	191	191	Huron	9,164	9,179	Richland	2,493	2,552
Butler	1,714	1,721	Jackson	100	100	Ross	2,286	2,602
Carroll	2	0	Jefferson	0	0	Sandusky	3,627	3,650
Champaign	5,678	5,702	Knox	1,536	1,576	Scioto	205	200
Clark	3,401	3,458	Lake	0	0	Seneca	11,840	12,215
Clermont	7	0	Lawrence	0	500	Shelby	7,315	7,786
Clinton	3,621	3,618	Licking	768	2,283	Stark	460	567
Columbiana	466	573	Logan	2,326	2,338	Summit	0	0
Coshocton	1,168	1,168	Lorain	1,737	1,817	Trumbull	125	190
Crawford	3,400	3,486	Lucas	49,744	49,699	Tuscarawas	418	421
Cuyahoga	510	510	Madison	3,988	3,863	Union	1,308	1,413
Darke	4,316	4,617	Mahoning	1,444	1,509	Van Wert	6,266	6,448
Defiance	2,895	3,068	Marion	9,606	9,627	Vinton	0	0
Delaware	1,108	1,111	Medina	360	399	Warren	379	377
Erie	3,384	3,410	Meigs	10	10	Washington	25	25
Fairfield	1,064	668	Mercer	2,593	2,587	Wayne	2,187	2,114
Fayette	3,828	3,288	Miami	5,631	5,718	Williams	3,832	3,729
Franklin	9,907	9,892	Monroe	0	0	Wood	11,158	12,773
Fulton	4,866	5,106	Montgomery	3,400	3,167	Wyandot	9,147	9,293
Gallia	54	54	Morgan	10	8			
Geauga	147	147	Morrow	2,706	2,517			
Greene	2,277	2,437	Muskingum	1,262	1,262			
Guernsey	0	0	Noble	0	0			
Hamilton	12,472	12,484	Ottawa	1,875	1,957	STATE	282,717	287,997

*The data does not include amounts for storage facilities with less than 10,000 bushel capacity. Quantities are based on State license applications.

Grain stocks: Total stocks and percent of production, by quarters 1/, Ohio, 1981-83

Crop	Year	January 1		April 1		June 1		October 1 2/	
		All positions	% of prod.	All positions	% of prod.	All positions	% of prod.	All positions	% of prod.
		Thousand bushels							
CORN									
	1981	314,176	71.3	213,846	48.5	151,107	34.3	44,786	10.2
	1982	307,737	85.5	194,119	53.9	119,462	33.2	42,640	11.8
	1983	408,656	86.0	265,573	55.9				
SOYBEANS									
	1981	117,897	87.1	80,511	59.5	51,841	38.3	25,300	18.7
	1982	84,155	84.4	58,732	58.9	36,027	36.1	14,251	14.3
	1983	108,807	78.8	75,787	54.9				
WHEAT									
	1981	38,687	57.6	22,517	33.5	11 908	17.7	68,901	94.9
	1982	51,807	71.4	26,691	36.8	11,064	15.2	45,903	83.5
	1983	36,685	66.7	21,497	39.1				
OATS									
	1981	11,997	61.7	7,202	37.1	4,532	23.3	15,582	91.6
	1982	10,971	64.5	5,592	32.9	2,890	17.0	20,692	86.9
	1983	18,097	76.0	16,435	69.1				

1/Percent of production refers to previous year's production, except October 1 where percent for wheat and oats refers to current year. 2/Soybean stocks are for September 1.

Stocks of grain: By position and quarter, Ohio, 1981-83

Crop	Year	January 1		April 1		June 1		October 1 1/	
		On farms	Off farms	On farms	Off farms	On farms	Off farms	On farms	Off farms
		Thousand bushels							
CORN									
	1981	220,350	93,826	127,803	86,043	88,140	62,967	22,035	22,751
	1982	208,800	98,937	118,800	75,319	79,200	40,262	28,800	13,840
	1983	294,512	114,144	161,570	104,066				
SOYBEANS									
	1981	50,083	67,814	33,840	46,671	25,718	26,123	13,536	11,764
	1982	42,893	41,262	27,930	30,802	19,950	16,077	6,983	7,268
	1983	63,485	45,322	38,643	37,144				
WHEAT									
	1981	4,028	34,659	2,014	20,503	671	11,237	7,986	60,915
	1982	5,082	46,725	1,815	24,876	1,089	9,975	5,550	40,403
	1983	3,850	32,835	2,750	18,747				
OATS									
	1981	7,772	4,225	4,469	2,733	2,720	1,812	9,696	5,886
	1982	6,974	3,997	3,232	2,360	1,871	1,019	12,614	8,078
	1983	9,044	9,053	5,236	11,199				

1/Soybean stocks are for September 1.

All hay on farms1/: Ohio, 1980-83

Year	Jan. 1	Percent of prod.	May 1	Percent of prod.
	Thou. ton	Pct.	Thou. ton	Pct.
1980	2,750	76	905	25
1981	2,296	64	502	14
1982	1,841	53	347	10
1983	2,363	66	430	12

1/Pertains to previous year's production.

Dry onions: Stocks held in common storage by growers and dealers, January 1 1/, Ohio, 1980-83

Year	Stocks	Percent of production
	Thou. cwt.	Percent
1980	100	45
1981	74	45
1982	50	29
1983 2/		

1/Pertains to previous year's production.
2/Series discontinued.

Corn, soybeans, wheat, oats, all hay: Harvested acres, yield and production, Ohio, 1973-82

Year	Corn for grain			Soybeans			Wheat		
	Harvested acres	Yield	Production	Harvested acres	Yield	Production	Harvested acres	Yield	Production
	Thou.	Bu./ acre	Thou. bu.	Thou.	Bu./ acre	Thou. bu.	Thou.	Bu./ acre	Thou. bu.
1973	3,040	80.0	243,200	3,590	25.5	91,545	800	32.0	25,600
1974	3,540	75.0	265,500	3,140	26.0	81,640	1,450	41.0	59,450
1975	3,340	93.0	310,620	3,100	33.0	102,300	1,680	42.0	70,560
1976	3,820	103.0	393,460	2,880	33.0	95,040	1,600	40.0	64,000
1977	3,620	105.0	380,100	3,480	35.0	121,800	1,540	47.0	72,380
1978	3,610	105.0	379,050	3,870	33.0	127,710	1,080	39.0	42,120
1979	3,630	115.0	417,450	4,080	35.5	144,840	1,320	48.0	63,360
1980	3,900	113.0	440,700	3,760	36.0	135,360	1,370	49.0	67,130
1981	3,750	96.0	360,000	3,500	28.5	99,750	1,650	44.0	72,600
1982	4,060	117.0	475,020	3,730	37.0	138,010	1,250	44.0	55,000

Year	Oats			All hay (Tons)			5 Major Crops*(Thou. acres)
	Harvested acres	Yield	Production	Harvested acres	Yield	Production	
1973	540	48.0	25,920	1,500	2.20	3,293	9,760
1974	475	62.0	29,450	1,380	2.19	3,029	10,335
1975	465	63.0	29,295	1,510	2.36	3,568	10,375
1976	440	57.0	25,080	1,540	2.31	3,554	10,580
1977	370	59.0	21,830	1,550	2.30	3,558	10,860
1978	340	61.0	20,740	1,550	2.50	3,875	10,740
1979	290	70.0	20,300	1,440	2.51	3,618	11,000
1980	290	67.0	19,430	1,430	2.51	3,588	11,040
1981	270	63.0	17,010	1,380	2.52	3,473	10,950
1982	340	70.0	23,800	1,300	2.75	3,580	10,990

*Corn and soybeans planted plus hay, wheat and oats harvested.

Cash rents: Whole farms and cropland, 1982-83 1/

District	Rent per acre for whole farms						Rent per acre for cropland					
	1982			1983			1982			1983		
	Average	Range	Number of reports	Average	Range	Number of reports	Average	Range	Number of reports	Average	Range	Number of reports
	Dollars		No.	Dollars		No.	Dollars		No.	Dollars		No.
1	99	30-160	162	95	40-180	121	102	35-180	176	124	30-175	136
2	81	25-150	122	82	30-170	83	84	20-150	136	81	35-150	102
3	37	10- 65	61	42	10-150	55	41	10-150	83	37	10- 90	67
4	104	30-150	127	97	60-150	89	111	60-175	135	102	70-150	102
5	86	30-140	136	81	30-150	86	91	35-160	155	88	45-150	101
6	50	10-130	28	50	20-200	28	61	20-150	33	57	25-115	32
7	89	40-150	68	85	40-150	44	92	28-160	79	88	40-170	50
8	62	25-100	35	62	20-130	21	70	25-150	41	63	25-135	35
9	40	10-100	30	32	10- 60	22	51	15-100	39	45	10- 80	30

1/Data are based on reports of farmers for farms in their locality as of April 1, 1982 and 1983.

Farm real estate: Value and cash rents, Ohio, 1977-83 1/

Year	Average value/acre 1/			Total value 1/		Cash rent per acre 2/		
	3/ Index	Actual	% prev. year	Land & buildings	4/ Buildings	Cropland	Pasture	Whole farms
		Dollars		Million dollars		Dollars		
1977	100	1,099	130	18,029	3,534	59.80	20.30	53.00
1978	113	1,224	111	19,953	3,691	68.00	18.22	59.60
1979	135	1,483	121	24,173	4,182	76.80	24.90	69.00
1980	156	1,678	113	27,347	4,403	81.80	27.80	72.00
1981	160	1,727	116	28,150	4,476	87.70	27.30	78.60
1982	137	1,474	85	23,879	3,749	88.40	28.10	80.80
1983	121	1,297	88	21,011	3,257	89.10	25.40	77.80

1/Averages for this historic series are based on sample surveys of farmers, farm real estate brokers, land appraisers, local banks and county officials. 2/Rents are based on March 1 survey of farmers until 1981. In 1982 and 1983 the survey was conducted April 1. 3/1977-100 (base year). 4/Revised.

Ohio crop records: Acreage, yield and production

Crop	Date series began	Record 1/	Harv. acreage: Acreage	Harv. acreage: Year	Yield: Yield	Yield: Year	Total production: Production	Total production: Year	Unit
			Thousand				Thousand		
Corn for grain	1919	High	4,060	1982	117.0	1982	475,020	1982	Bu.
		Low	2,537	1961	27.5	1930	75,598	1924	Bu.
Corn for silage	1919	High	285	1981	16.0	1982	4,320	1982	Tons
		Low	106	1935	5.4	1930	823	1933	Tons
Soybeans for beans	1924	High	4,080	1979	37.0	1982	144,840	1979	Bu.
		Low	17	1925	11.5	1926	207	1926	Bu.
Wheat	1866	High	3,209	1899	49.0	1980	72,600	1981	Bu.
		Low	800	1973	6.0	1900	9,000	1866	Bu.
Oats	1866	High	2,374	1928	70.0	1982	92,400	1912	Bu.
		Low	270	1981	20.0	1890	17,010	1981	Bu.
Barley 2/	1866	High	318	1928	54.0	1972	8,427	1928	Bu.
		Low	8	1980	15.0	1933	332	1934	Bu.
Rye	1866	High	200	1913	33.0	1980	2,700	1913	Bu.
		Low	5	1982	10.0	1896	150	1981	Bu.
Popcorn 3/	1935	High	30.0	1945	3550.0	1976	66,740	1976	Lbs.
		Low	4.0	1935	1150.0	1936	7,000	1935	Lbs.
Alfalfa hay	1919	High	1,052	1955	3.80	1982	2,144	1964	Tons
		Low	93	1920	1.30	1930	188	1919	Tons
Other hay	1964	High	1,080	1968	2.20	1982	2,100	1973	Tons
		Low	850	1982	1.49	1965	1,328	1965	Tons
All Hay	1866	High	3,553	1908	2.75	1982	4,898	1916	Tons
		Low	1,300	1982	.6	1895	1,755	1895	Tons
Red clover seed 3/	1919	High	352.0	1944	95	1978	15,800	1951	Lb.
		Low	10.0	1981	25	1926	700	1981	Lb.
Timothy seed 3/	1919	High	93.0	1957	180	1978	13,950	1957	Lb.
		Low	6.0	1981	91	1934	910	1977	Lb.
Apples	1934	High					7,886	1937	Bu.
		Low					780	1945	Bu. 4/
Peaches	1899	High					3,800	1901	Bu.
		Low					20	1963	Bu. 5/
Grapes 6/	1909	High					34.4	1935	Tons
		Low					4.9	1945	Tons
Maple Sirup 3/	1916	High					1,103	1918	Gal.
		Low					35	1973	Gal.
Potatoes - total	1866	High	225.0	1895	249	1976	12,269	1909	Cwt.
		Low	10.2	1981	27	1881	2,118	1981	Cwt.
Sugar beets 7/	1924	High	51.0	1938	21.7	1971	896	1971	Tons
		Low	9.5	1931	5.8	1937	72	1943	Tons
Burley	1919	High	25.0	1919	2,680	1970	26,625	1982	Lbs.
		Low	6.7	1971	715	1935	6,435	1935	Lbs.
All tobacco	1966	High	106	1909	2,496	1970	94,575	1918	Lbs.
		Low	8.35	1970	620	1875	12,450	1874	Lbs.

1/In case of ties, most recent year designated as record year. 2/Estimates discontinued in 1981. 3/Estimates discontinued in 1982. 4/42 lbs. 5/48 lbs. 6/Utilized production. 7/No acres contracted in 1982.

EXPORTS

United States agricultural exports in fiscal year 1982 (October 1, 1981 through September 30, 1982) fell 11 percent in value to $39.1 billion, mainly because of adverse economic conditions worldwide. This decline follows 12 consecutive years of increases. Although export volume declined only 2 percent to 158.4 million tons, prices for most of the major commodities fell 10 to 20 percent. Corn exports, the hardest hit, plummeted from 59.4 million tons ($9 billion) to 49.6 million tons ($6 billion). Demand for U.S. corn fell across a wide range of markets. Increased shipments to the USSR, Spain, Korea, and China offset part of the decline. The USSR purchased 7.6 million tons. Exports of wheat and products came to $7.7 billion in fiscal 1982. Although the value was below $8.1 billion a year earlier, export volume reached a record of over 46 million tons. China remained the largest U.S. wheat market; the USSR was second. Soybeans and products were the major U.S. export earners in fiscal 1982. Japan remained the largest market at 4.3 tons, worth $1.1 billion; Spain was the second largest U.S. customer. Exports of animal products slowed considerably in the last few months of the fiscal year. The decline in poultry meat exports was the primary source of the slowdown with the near-total loss of sales to Egypt, the second largest U.S. poultry market. Butter, beef, and cattle hides were a few of the bright spots in a sluggish export picture. Japan took virtually the same amount of U.S. red meat as it did in fiscal 1981, but shifted 10 to 12 thousand tons from pork to beef. The top five countries importing U.S. agricultural products during fiscal 1982 were: Japan, $5.7 billion (-15%); Netherlands, $3.3 billion (+1%); USSR, $2.3 billion (+39%); Canada, $1.9 billion (-10%); and Spain, $1.8 billion (+33%).

Value of export shares of agricultural commodities, Ohio and U.S., fiscal years 1979-82 1/

Year ended Sep. 30	Poultry and products	Wheat and flour	Feed grains 2/	Soybeans and products	Dairy products	Unmanufactured tobacco	Animals and meats 3/	Hides and skins 4/	Total 5/
	Million dollars								
	Ohio								
1979	5.7	126.2	362.4	504.8	9.6	6.4	16.6	27.2	1,154.6
1980	8.1	190.8	445.1	548.5	5.5	7.1	24.7	25.2	1,305.1
1981	12.2	231.8	670.5	607.5	11.4	7.5	26.1	12.0	1,629.7
1982	9.1	215.4	292.8	420.4	13.7	9.3	26.5	13.3	1,052.3
	United States								
1979	368.1	4,862.0	7,026.1	7,515.0	116.1	1,292.2	844.1	1,302.7	31,975.4
1980	546.5	6,632.6	9,777.5	8,587.8	156.3	1,348.5	1,025.8	1,115.6	40,481.4
1981	765.2	8,051.7	10,402.5	8,042.3	237.7	1,338.5	1,180.0	1,002.0	43,780.1
1982	579.0	7,675.1	6,959.7	8,430.0	367.8	1,486.5	1,230.3	1,021.2	39,094.5

1/The export shares for Ohio were derived from the State's contribution to national output. They do not show actual exports, but instead reflect the common stake in the national export total. 2/Includes barley, corn, oats, and sorghum grain. 3/Includes live animals exported beginning 1980. 4/Excludes poultry. Ohio data excludes fur skins beginning 1981. 5/Total includes commodities not listed here. Source: FATUS, March-April 1983, ERS, USDA.

Foreign trade: Value of U.S. foreign trade and trade balance, selected fiscal years, October-September, 1977-82

	1977/78	1978-79	1979/80	1980/81	1981/82
	Million dollars				
Agricultural exports	27,290	31,975	40,481	43,780	39,094
Nonagricultural exports	103,906	135,501	169,805	185,452	176,311
Total exports	131,196	167,476	210,286	229,232	215,405
Agricultural imports	13,886	16,187	17,276	17,218	15,346
Nonagricultural imports	150,916	178,464	222,455	238,318	233,488
Total imports	164,802	194,651	239,731	255,536	248,834
Agricultural trade balance	+13,403	+15,788	+23,205	+26,562	+23,748
Nonagricultural trade balance	-47,010	-42,963	-52,650	-52,866	-57,177
Total trade balance	-33,606	-27,175	-29,445	-26,304	-33,429

Source: Foreign Agricultural Trade of the United States, USDA, Economic Research Series, November/December 1982 and comparable issues for earlier years.

WEATHER SUMMARY FOR THE 1982 GROWING SEASON

At first it appeared that the spring of 1982 would be very late and could also be a repeat of the cold, wet 1981 planting season. The last snow storm dumped several inches on northern Ohio in early April. Suddenly, clear, warm weather dominated the Buckeye State starting in mid-April and continuing through late May. This gave farmers the chance to perform almost six weeks of uninterrupted field activity. Farmers took full advantage initially and planted the corn and soybean crops faster and earlier than any other season. The clear weather had a major drawback. Soils became very dry toward mid-May and final plantings were delayed to wait for rain to improve germination. The rain did arrive in late May and regular showers persisted into early June. This helped row crops get a good start, but troubled first cutting hay harvest. After mid-June, clear conditions dominated again. Wheat and oats harvests were accomplished without much weather delay. Row crops had plenty of sunshine without enduring temperature extremes that could have stressed the crops, especially during the critical silking phase for corn and bloom stage for soybeans. Growing degree day accumulations generally were above normal and along with the early plantings, moved crops to maturity slightly earlier than normal.

After the rain-plagued first hay cutting, later cuttings were harvested under better conditions. The dry summer checked growth of some grasslands and cut hay yields.

An unusually early frost at the end of August nipped some row crops in the northeast, but Statewide, crops had a long growing season to fully mature. Good weather conditions prevailed during the row crop harvest season.

Sky cover index, 1982 1/

Month	Akron-Canton		Youngstown		Mansfield	
	Average	Deviation from normal	Average	Deviation from normal	Average	Deviation from normal
	Index					
April	6.1	-1.1	6.1	-1.1	5.9	-1.2
May	7.1	0.4	7.4	0.7	6.7	0
June	6.9	0.8	7.2	1.1	6.8	0.8
July	5.1	-0.8	5.7	-0.2	4.9	-0.9
August	6.7	1.0	7.1	1.4	6.3	0.6
September	6.8	2.1	6.6	0.6	6.5	0.5
October	7.1	1.4	7.3	1.3	6.5	-0.3

1/Index of hourly observations of sky cover. Each hour during the day cloud cover is rated in tenths. A cloudless sky receives and "0" rating and the rating increases up to 10.

Percent of possible sunshine, 1982 1/

Month	Cleveland		Columbus		Dayton		Toledo		Cincinnati	
	1982	Dev. from normal	1982	Dev. from normal	1982	Dev. from normal	1982	Dev. from normal	1982	Dev. from normal
	Percent									
April	67	14	59	-3	59	6	65	13	70	15
May	65	6	56	-2	68	8	53	-7	88	27
June	54	-9	48	-14	55	-12	59	-4	58	-9
July	69	1	55	-9	68	0	67	-1	69	1
August	58	-6	51	-12	59	-11	66	0	59	-8
September	45	-15	56	-6	59	-7	61	1	73	7
October	47	-8	50	-8	51	-12	59	0	58	-1

1/Percent of time that enough light to cast a shadow was present. The time is measured from official sunrise to sunset.

Last occurrence of critical Fahrenheit temperatures in spring 1982

Station	20°		24°		28°		30°		32°		36°		40°		43°	
	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day
Hoytville	4	9	4	10	4	15	4	28	4	29	4	29	5	2	6	25
Findlay	4	8	4	10	4	10	4	12	4	15	4	29	4	29	5	2
Fremont	4	9	4	10	4	11	4	15	4	22	4	29	4	30	5	10
Pandora	4	9	4	11	4	13	4	13	4	30	4	30	4	30	5	4
Toledo	4	8	4	8	4	14	4	22	4	29	4	29	4	29	6	11
Willard	4	9	4	12	4	29	4	29	4	29	4	29	5	10	6	24
Akron-Canton	4	8	4	8	4	12	4	12	4	22	4	28	4	29	5	2
Canfield	4	13	4	23	4	29	5	4	5	4	5	10	5	11	6	25
Cleveland	4	8	4	10	4	12	4	12	4	23	4	29	4	29	5	10
Wooster	4	9	4	11	4	30	4	30	4	30	4	30	5	11	6	25
Youngstown	4	8	4	10	4	12	4	12	4	23	4	29	5	10	5	11
Celina	4	9	4	9	4	10	4	15	4	29	4	30	4	30	5	3
Columbus	4	8	4	12	4	12	4	28	4	28	4	28	5	3	5	10
OSU Columbus	4	8	4	10	4	12	4	23	4	28	4	28	4	29	5	10
Coshocton	4	8	4	10	4	12	4	23	4	23	4	28	4	29	4	29
Mansfield	4	8	4	12	4	12	4	12	4	28	4	29	4	29	5	10
Marion	4	8	4	10	4	12	4	15	4	29	4	29	4	30	5	10
Cincinnati	3	28	4	7	4	7	4	23	4	23	4	24	4	28	5	3
Dayton	4	7	4	8	4	12	4	28	4	28	4	28	4	29	5	3
Ripley	4	7	4	8	4	8	4	23	4	23	4	29	4	29	5	10
S. Charleston	4	8	4	10	4	12	4	22	4	28	4	29	4	29	6	20
Wilmington	4	8	4	9	4	10	4	29	4	29	4	30	5	3	5	11
Caldwell	4	8	4	12	4	23	4	23	4	28	4	28	5	3	5	3
Jackson	4	14	4	14	4	23	4	23	4	29	6	28	6	28	6	28
Zanesville	4	7	4	12	4	23	4	23	4	23	4	28	5	10	5	10
Huntington	3	28	4	7	4	23	4	23	4	24	4	28	4	28	4	30
Parkersburg	4	7	4	7	4	23	4	23	4	23	4	28	5	10	5	10

First occurrence of critical Fahrenheit temperatures in fall 1982

Station	20°		24°		28°		30°		32°		36°		40°		43°	
	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day
Hoytville	12	9	10	23	10	17	10	17	10	17	9	21	9	19	9	17
Findlay	12	10	11	15	10	17	10	17	10	17	10	16	9	19	9	19
Fremont	12	9	11	25	10	17	10	17	10	17	10	16	9	19	9	8
Pandora	12	10	10	24	10	18	10	18	10	18	10	17	9	21	9	9
Toledo	11	17	10	24	10	17	10	17	10	17	9	21	9	9	9	5
Willard	11	26	11	15	10	24	10	17	10	17	9	22	9	8	9	7
Akron-Canton	12	10	11	16	11	7	10	17	10	17	10	17	10	16	9	17
Canfield	10	24	10	17	10	17	10	17	10	16	9	17	9	5	9	5
Cleveland	12	10	11	16	10	24	10	24	10	24	10	17	9	22	9	22
Wooster	12	10	10	25	10	24	10	23	10	18	10	17	9	18	9	10
Youngstown	11	16	11	16	10	24	10	24	10	17	10	17	9	17	9	9
Celina	11	15	10	24	10	18	10	18	10	18	10	18	9	20	9	20
Columbus	12	10	11	16	10	23	10	17	10	17	10	17	10	16	9	19
OSU Columbus	12	10	11	15	10	23	10	17	10	17	10	17	10	16	9	19
Coshocton	12	10	11	16	11	5	11	5	11	5	10	17	10	16	10	16
Mansfield	12	10	11	25	10	23	10	23	10	17	10	16	9	22	9	17
Marion	12	9	12	9	10	23	10	23	10	17	10	16	9	19	9	19
Cincinnati	11	25	11	15	11	5	11	5	10	17	10	17	10	16	9	23
Dayton	11	25	11	5	10	23	10	17	10	17	10	17	10	16	9	19
Ripley	11	25	11	14	10	26	10	17	10	17	10	17	10	16	9	23
S. Charleston	11	15	10	17	10	17	10	17	10	17	10	16	9	19	9	4
Wilmington	11	25	10	17	10	17	10	17	10	17	10	17	9	19	9	4
Caldwell	12	10	11	16	10	23	10	23	10	23	10	23	10	17	10	16
Jackson	11	16	11	7	10	17	10	17	10	17	9	13	9	13	9	13
Zanesville	11	16	11	16	10	17	10	17	10	17	10	17	9	19	9	19
Huntington	12	13	11	16	11	7	11	6	10	17	10	17	10	16	9	23
Parkersburg	12	10	12	10	11	16	10	23	10	23	10	17	10	17	10	17

Monthly precipitation, season accumulations and deviations from normal, in inches 1/, 1982

Month	During month	Deviation	Since Apr. 1	Accum. deviation	During month	Deviation	Since Apr. 1	Accum. deviation	During month	Deviation	Since Apr. 1	Accum. deviation
	Hoytville				Findlay				Fremont			
April	1.25		1.25		1.39	-2.10	1.39	-2.10	2.63		2.63	
May	3.51		4.76		4.55	0.64	5.94	-1.46	5.64		8.27	
June	4.07		8.83		5.47	1.63	11.41	0.17	4.84		13.11	
July	3.75		12.58		2.62	-1.24	14.03	-1.07	2.94		16.05	
August	1.00		13.58		1.36	-1.62	15.39	-2.69	1.35		17.40	
September	1.79		15.37		1.24	-1.44	16.63	-4.13	2.68		20.08	
October	0.37		15.74		0.19	-2.31	16.82	-6.44	0.80		20.88	
November	5.04		20.78		7.33	4.74	24.15	-1.70	6.19		27.87	
	Toledo				Willard				Akron-Canton			
April	1.53	-1.42	1.53	-1.42	2.53		2.53		1.42	-1.91	1.42	-1.91
May	2.61	-0.72	4.14	-2.14	5.04		7.57		3.33	-0.44	4.75	-2.35
June	2.01	-1.37	6.15	-3.51	5.79		13.36		6.07	2.52	10.82	0.17
July	1.97	-1.26	8.12	-4.77	4.47		17.83		1.58	-2.06	12.40	-1.89
August	1.38	-1.69	9.50	-6.46	2.62		20.45		1.47	-1.41	13.87	-3.30
September	2.03	-0.37	11.53	-6.83	3.18		23.63		2.93	0.36	16.80	-2.94
October	1.14	-1.10	12.67	-7.93	0.16		23.79		0.53	-1.96	17.33	-4.90
November	4.54	2.71	17.21	-5.22	7.85		31.64		5.29	2.84	22.62	-2.06
	Canfield				Cleveland				Wooster			
April	1.39	-1.75	1.39	-1.75	1.68	-1.72	1.68	-1.72	1.33	-1.99	1.33	-1.99
May	2.46	-1.24	3.85	-2.99	2.65	-0.83	4.33	-2.55	3.98	0.07	5.31	-1.92
June	5.20	1.84	9.05	-1.15	6.37	3.07	10.70	0.52	5.00	1.92	10.31	0.00
July	2.42	-0.46	11.47	-1.61	1.28	-2.10	11.98	-1.58	2.10	-1.70	12.41	-1.70
August	2.46	-0.19	13.93	-1.80	1.59	-1.44	13.57	-3.02	2.71	-0.51	15.12	-2.21
September	5.62	3.26	19.55	1.46	3.81	1.04	17.38	-1.98	2.39	-0.27	17.51	-2.48
October	0.53	-2.10	20.08	-0.64	0.39	-2.25	17.77	-4.23	0.60	-1.58	18.11	-4.06
November	4.73	2.29	24.81	1.65	6.28	3.61	24.05	-0.62	4.44	2.13	22.55	-1.93
	Youngstown				Celina				Columbus			
April	1.21	-2.40	1.21	-2.40	3.29		3.29		2.00	-1.69	2.00	-1.69
May	4.09	0.23	5.30	-2.17	5.25		8.54		4.91	0.82	6.91	-0.87
June	6.16	2.52	11.46	0.35	4.94		13.48		4.51	0.41	11.42	-0.46
July	1.73	-2.05	13.19	-1.70	2.08		15.56		3.97	-0.07	15.39	-0.53
August	1.66	-1.58	14.85	-3.28	3.06		18.62		1.16	-1.81	16.55	-2.34
September	2.21	-0.50	17.06	-3.78	2.47		21.09		4.27	1.89	20.82	-0.45
October	0.25	-2.67	17.31	-6.45	0.66		21.75		0.82	-1.25	21.64	-1.70
November	5.46	2.57	22.77	-3.88	4.59		26.34		5.29	2.76	26.93	1.06
	OSU-Columbus				Coshocton				Mansfield			
April	1.80		1.80		1.43	-2.44	1.43	-2.44	1.83	-1.46	1.83	-1.46
May	3.34		5.14		2.21	-1.90	3.64	-4.34	3.72	0.00	5.55	-1.46
June	3.07		8.21		3.50	-0.59	7.14	-4.93	6.90	3.38	12.45	1.92
July	4.20		12.41		4.08	-0.16	11.22	-5.09	3.71	0.15	16.16	2.07
August	0.88		13.29		3.74	0.76	14.96	-4.33	3.97	1.11	20.13	3.18
September	3.45		16.74		1.26	-1.45	16.22	-5.78	2.66	-0.03	22.79	3.15
October	1.12		17.86		0.63	-1.87	16.85	-7.65	0.49	-1.67	23.28	1.48
November	5.85		23.71		4.67	1.85	21.52	-5.80	7.01	4.62	30.29	6.10
	Cincinnati				Dayton				Ripley			
April	2.19	-1.47	2.19	-1.47	2.03	-1.31	2.03	-1.31	2.05		2.05	
May	3.78	0.01	5.97	-1.46	4.57	0.82	6.60	-0.49	5.43		7.48	
June	4.29	0.48	10.26	-0.98	4.77	0.98	11.37	0.49	5.68		13.16	
July	2.35	-1.55	12.61	-2.53	1.45	-2.01	12.82	-1.52	3.06		16.22	
August	5.94	3.03	18.55	0.50	6.37	3.72	19.19	2.20	6.37		22.59	
September	1.48	-1.00	20.03	-0.50	1.42	-0.82	20.61	1.38	1.03		23.62	
October	0.99	-1.34	21.02	-1.84	1.06	-1.01	21.67	0.37	0.83		24.45	
November	4.81	1.89	25.83	-0.05	4.46	2.02	26.13	2.39	4.07		28.52	
	S. Charleston				Caldwell				Jackson			
April	2.17		2.17		1.59	-1.86	1.59	-1.86	1.30	-2.79	1.30	-2.79
May	4.12		6.29		4.53	0.21	6.12	-1.65	5.86	1.70	7.16	-1.09
June	4.31		10.60		3.25	0.92	9.37	-0.73	3.65	-0.05	10.81	-1.14
July	1.46		12.06		2.45	-1.85	11.82	-2.58	2.16	-2.22	12.97	-3.36
August	5.57		17.63		4.54	1.50	16.36	-1.08	2.73	-0.66	15.70	-4.02
September	1.56		19.19		1.79	-0.79	18.15	-1.87	1.40	-0.63	17.10	-4.65
October	0.46		19.65		0.50	-1.91	18.65	-3.78	0.25	-2.22	17.35	-6.87
November	4.86		24.51		4.34	1.76	22.99	-2.02	4.24	1.46	21.59	-5.41
	Zanesville				Huntington, W. Va.				Parkersburg, W. Va.			
April	1.65	-1.93	1.65	-1.93	1.69	-1.70	1.69	-1.70	0.95	-2.51	0.95	-2.51
May	4.19	0.56	5.84	-1.37	5.12	1.40	6.81	-0.30	5.27	1.63	6.22	-0.88
June	3.49	-0.53	9.33	-1.90	4.60	1.10	11.41	0.80	3.91	-0.04	10.13	-0.92
July	5.24	1.13	14.57	-0.77	3.76	-0.23	15.17	0.57	2.97	-1.17	13.10	-2.09
August	2.75	-0.21	17.32	-0.98	4.42	1.02	19.59	1.59	4.22	0.82	17.32	-1.27
September	1.39	-1.07	18.71	-2.05	1.74	-1.05	21.33	0.54	2.15	-0.59	19.47	-1.86
October	0.84	-1.27	19.55	-3.32	1.80	-0.50	23.13	-0.04	0.62	-1.64	20.09	-3.50
November	4.07	1.64	23.62	-1.68	4.33	1.57	27.46	1.61	4.31	1.83	24.40	-1.67

1/Deviations from normal rainfall are derived using the average rainfall over a 30 year period. These normals are updated each decade, and weather stations without deviations had less than 30 years of data during the period 1941-70.

Monthly growing degree days, season accumulations, deviations from normal, 1/, 1982

Month	During month	Deviation	Since Apr. 1	Accum. deviation	During month	Deviation	Since Apr. 1	Accum. deviation	During month	Deviation	Since Apr. 1	Accum. deviation
	Hoytville				Findlay				Fremont			
April	141	-21	141	-21	143	-43	143	-43	146		146	
May	503	138	644	117	503	128	646	85	481		627	
June	471	-89	1115	28	481	-90	1127	-5	481		1100	
July	695	50	1810	78	709	44	1836	39	691		1799	
August	556	-30	2366	48	587	-27	2423	12	550		2349	
September	410	-11	2776	37	415	-33	2838	-21	404		2753	
October	275	31	3051	68	284	27	3122	6	272		3025	
November	93	11	3144	79	93	4	3215	10	92		3117	
	Toledo				Willard				Akron-Canton			
April	141	-17	141	-17	127		127		155	-15	155	-15
May	480	135	621	118	475		602		511	162	666	147
June	495	-66	1116	52	386		988		486	-47	1152	100
July	707	38	1823	90	651		1639		719	80	1871	180
August	590	-43	2413	47	529		2168		591	-8	2462	172
September	422	-15	2835	32	367		2535		405	-24	2867	148
October	271	32	3106	64	269		2804		267	18	3134	166
November	87	23	3193	87	111		2915		109	22	3243	188
	Canfield-Mahoning				Wooster				Youngstown			
April	125	-49	125	-49	139	-26	139	-26	145	-12	145	-12
May	432	86	557	37	457	119	596	93	471	142	616	130
June	411	-103	968	-66	427	-86	1023	7	437	-65	1053	65
July	640	22	1608	-44	649	32	1672	39	667	55	1720	120
August	515	-67	2123	-111	500	-75	2172	-36	543	-29	2263	91
September	353	-70	2476	-181	357	-47	2529	-83	378	-26	2641	65
October	221	-23	2697	-204	243	12	2772	-71	281	46	2922	111
November	86	-3	2783	-207	99	17	2871	-54	135	48	3057	159
	Celina				Columbus				OSU-Columbus			
April	154	-52	154	-52	185	-22	185	-22	183		183	
May	516	112	670	60	532	121	717	99	535		718	
June	508	-85	1178	-25	527	-118	1244	-19	503		1221	
July	725	32	1903	7	750	52	1994	33	733		1954	
August	599	-40	2502	-33	615	-27	2609	6	612		2566	
September	457	-24	2959	-57	429	-29	3038	-23	421		2987	
October	317	30	3276	-27	316	50	3354	27	316		3303	
November	105	12	3381	-15	131	35	3485	62	138		3441	
	Coshocton				Mansfield				Marion			
April	147		147		122	-69	122	-69	151		151	
May	518		665		448	68	570	-1	322		473	
June	475		1140		420	-152	990	-153	456		929	
July	715		1855		649	-37	1639	-190	697		1626	
August	581		2436		556	-89	2195	-279	568		2194	
September	419		2855		365	-97	2560	-376	401		2595	
October	293		3148		265	-5	2825	-381	264		2859	
November	124		3272		105	5	2930	-376	94		2953	
	Cincinnati				Dayton				Ripley			
April	210	-42	210	-42	179	-33	179	-33	182		182	
May	568	123	778	81	560	150	739	117	553		735	
June	549	-78	1327	3	536	-68	1275	49	504		1239	
July	798	60	2125	63	759	48	2034	97	736		1975	
August	670	-33	2795	30	639	-33	2673	64	590		2565	
September	528	7	3323	37	447	-41	3120	23	440		3005	
October	388	74	3711	111	302	15	3422	38	320		3325	
November	185	68	3896	179	122	23	3544	61	149		3474	
	S. Charleston				Caldwell				Jackson			
April	162		162		190	-40	190	-40	202	-30	202	-30
May	544		706		556	147	746	107	529	110	731	80
June	457		1163		513	-64	1259	43	507	-76	1238	4
July	668		1831		741	63	2000	106	730	42	1968	46
August	557		2388		625	-21	2625	85	576	-69	2544	-23
September	414		2802		461	-17	3086	68	441	-21	2985	-44
October	311		3113		333	42	3419	110	342	70	3327	26
November	110		3223		106	-2	3525	108	168	62	3495	88
	Zanesville				Huntington, W. Va.				Parkersburg, W. Va.			
April	191	-12	191	-12	238	-31	238	-31	208	-52	208	-52
May	522	148	713	136	573	104	811	73	599	143	807	91
June	510	-41	1223	95	547	-85	1358	-12	584	-43	1391	48
July	717	78	1940	173	751	21	2109	9	792	66	2183	114
August	638	-23	2578	150	638	-52	2747	-43	680	-9	2863	105
September	429	-8	3007	142	441	-75	3188	-118	524	11	3387	116
October	305	42	3312	184	335	16	3523	-102	391	76	3778	192
November	140	41	3452	225	201	64	3724	-38	193	62	3971	254

1/Deviations from normal growing degree days (GDD) are derived using GDD over a 30 year period. These normals are updated each decade, and stations without deviations had less than 30 years of data during the period 1941-1970.

Planting progress: Corn, soybeans, oats, Ohio, 1981, 1982, and average 1977-81

Date	Corn			Soybeans			Oats		
	1982	1981	1977-81 average	1982	1981	1977-81 average	1982	1981	1977-81 average
	Percent								
Apr. 10								60	20
20	5						5	75	40
30	30	5	15	5			60	80	70
May 10	80	15	35	25		10	90	90	90
20	100	25	65	80	5	35	95	100	100
30		55	80	95	15	60	100		
Jun. 10		70	90	100	40	80			
20		80	95		55	90			
30		90	100		80	95			
Jul. 10					100				

Corn development: Ohio, 1981, 1982, 1977-81 average

Date	Silked			Date	Dough			Date	Mature		
	1982	1981	1977-81 average		1982	1981	1977-81 average		1982	1981	1977-81 average
	Percent										
Jul. 20	60	15	40								
30	90	45	70	Jul. 30	25	5	10				
Aug. 10	100	80	90	Aug. 10	65	15	30				
20		95	100	20	90	35	60				
				30	100	75	85	Aug. 30	10		10
								Sep. 10	50	10	25
								20	85	30	55
								30	95	50	75
								Oct. 10	100	70	90
								20		85	100
								30		100	

Planting progress: Winter wheat, Ohio, 1981, 1982 and average 1977-81

Date	Wheat harvest following year		
	1982	1981	1977-81 average
	Percent		
Sep. 20	5		5
30	15	20	25
Oct. 10	55	35	50
20	85	70	75
30	95	85	90
Nov. 10	100	95	100

Harvesting progress: Corn and soybeans, Ohio, 1981-1982 and average 1977-81

Date	Corn for grain			Soybeans		
	1982	1981	1977-81 average	1982	1981	1977-81 average
	Percent					
Sep. 20	5			10		
30	15	5	10	25	5	10
Oct. 10	20	10	15	50	15	30
20	40	20	35	80	45	55
30	70	35	55	95	70	80
Nov. 10	90	60	70	100	85	95
20	100	80	90		95	100
30		95	100			

Harvesting progress: Wheat, oats, Ohio, 1981, 1982 and average 1977-81

Date	Wheat			Oats		
	1982	1981	1977-81 average	1982	1981	1977-81 average
	Percent					
Jun. 30			5			
Jul. 10	15	35	25			
20	80	90	80	10	20	15
30	100	100	100	60	70	50
Aug. 10				95	95	90
20				100	100	100

Days favorable for field work: Ohio, 1981, 1982 and average 1977-81

Date	1982		1981		1977-81	
	7-day	Cumulative	7-day	Cumulative	7-day	Cumulative
			Number of days			
Mar. 30					1.8	1.8
Apr. 5			6.0	6.0	3.0	4.8
12			4.5	10.5	4.1	8.9
19	2.7	2.7	1.5	12.0	3.7	12.6
26	4.4	7.1	1.5	13.5	3.2	15.8
May 3	6.4	13.5	1.5	15.0	3.8	19.6
10	6.6	20.1	2.5	17.5	4.9	24.5
17	6.4	26.5	1.0	18.5	3.7	28.2
24	5.7	32.2	2.5	21.0	4.2	32.4
31	4.0	36.2	3.5	24.5	4.5	36.9
Jun. 7	2.7	38.9	3.0	27.5	4.3	41.2
14	3.6	42.5	2.0	29.5	4.6	45.8
21	3.4	45.9	2.5	32.0	4.4	50.2
28	4.5	50.4	3.5	35.5	4.8	55.0
Jul. 5	4.5	54.9	4.5	40.0	4.4	59.4
12	4.5	59.4	6.0	46.0	5.0	64.4
19	6.5	65.9	6.5	52.5	5.9	70.3
26	5.3	71.2	5.0	57.5	4.9	75.2
Aug. 2	6.3	77.5	4.5	62.0	4.7	79.9
9	5.9	83.4	5.5	67.5	4.3	84.2
16	5.8	89.2	6.0	73.5	5.1	89.3
23	6.5	95.7	6.5	80.0	4.7	94.0
30	5.5	101.2	7.0	87.0	5.4	99.4
Sep. 6	6.6	107.8	2.0	89.0	5.1	104.5
13	5.6	113.4	5.0	94.0	5.2	109.7
20	5.7	119.1	4.0	98.0	5.0	4.7
27	3.8	122.9	6.0	104.0	5.2	119.9
Oct. 4	4.0	126.9	5.5	109.5	4.9	124.8
11	5.6	132.5	5.5	115.0	4.9	129.7
18	5.6	138.1	6.5	121.5	5.4	135.1
25	5.9	144.0	5.5	127.0	5.3	140.4
Nov. 1	6.9	150.9	4.5	131.5	5.5	145.9
8	4.0	154.9	5.5	137.0	5.3	151.2
15	5.1	160.0	6.5	143.5		
22			5.5	149.0		

Marketings: Wheat, oats, corn, soybeans, percent of annual sales by months, Ohio, 1980-81, 1981-82

Month	Wheat		Oats		Month	Corn		Soybeans	
	1980-81	1981-82	1980-81	1981-82		1980-81	1981-82	1980-81	1981-82
	Percent					Percent			
Jul.	57	52	22	41	Sep.			14	8
Aug.	12	10	38	13	Oct.	26	8	36	15
Sep.	7	10	5	4	Nov.	19	17	7	12
Oct.	2	4	4	5	Dec.	9	7	3	6
Nov.	2	1	1	1	Jan.	12	10	9	9
Dec.	2	2	3	3	Feb.	5	7	4	7
Jan.	7	5	6	2	Mar.	7	10	7	8
Feb.	4	3	5	5	Apr.	5	10	5	13
Mar.	2	4	7	10	May	3	7	4	8
Apr.	2	6	4	4	Jun.	3	6	3	4
May	1	2	3	6	Jul.	3	6	4	5
Jun.	2	1	2	6	Aug.	4	6	4	5
					Sep.	4	6		

Consumption of commercial fertilizers, Ohio, 1979-82

Specified mixtures and materials	Year ending June 30			
	1979	1980	1981	1982
	Tons			
Mixed fertilizers, all	1,040,960	1,023,630	1,040,263	907,432
6-24-24	165,008	158,430	153,899	139,215
18-46-0	203,564	191,091	201,791	151,234
15-15-15	43,083	48,993	38,904	16,131
Anhydrous ammonia	149,959	161,287	172,204	206,224
Urea	139,912	152,276	141,693	107,327
Ammonium nitrate	13,828	15,436	17,201	14,569
Ammonium sulfate	14,343	18,086	21,341	15,750
Nitrogen solutions	306,227	376,701	449,249	475,679
Superphosphates	100,328	117,763	93,513	69,703
Potassium chloride	430,408	466,105	458,348	426,037
Organics	11,852	14,704	10,999	10,225
Total all fertilizers	2,229,229	2,367,710	2,424,607	2,250,867
	Percent			
Dry bagged	13	12	11	11
Dry bulk	57	56	53	47
Fluid	30	32	36	42

Fertilizer use on corn and wheat acreage harvested for grain and soybeans for beans, Ohio, 1982 1/

Crop	Fields in survey	Any fertilizer	Acres receiving			Rate per acre receiving			Acres fertilized		
			N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or before seeding	After seeding	At or before and after seeding
	Number		Percent			Pounds			Percent		
Corn	156	98.7	98.7	97.4	96.2	160.9	71.3	103.9	59.1	2.6	38.3
Soybeans	116	39.7	24.1	34.5	37.9	10.0	43.4	70.5	95.7	0	4.3
Wheat	81	84.0	84.0	81.5	81.5	65.0	60.4	65.1	23.5	13.3	63.2

1/Based on 1982 Objective Yield Surveys. Published in Fertilizer Outlook & Situation, Dec. 1982.

Average prices paid by farmers per ton for selected commercial fertilizers in North Central States 1/

Selected fertilizer	Mar. 15, 1982	May 15, 1982	Oct. 15, 1982	Dec. 15, 1982	Mar. 15, 1983
	Dollars per ton				
5-20-20	174	171	170	167	161
6-24-24	217	218	210	207	204
8-32-16	237	235	226	220	220
10-34-0	263	262	247	240	238
12-12-12	182	189	182	179	174
15-15-15	199	201	191	192	185
18-46-0	263	260	248	244	248
Ammonium nitrate	187	185	181	174	178
Urea 45-46%	237	233	226	219	212
Anhydrous ammonia	253	252	230	223	234
Nitrogen solution 28%	140	140	137	132	132
Superphosphate 44-46%	227	226	211	207	212
Muriate of potash 60% K_2O	154	154	145	142	141

1/Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio and Wisconsin.

Stocks in cold storage, east north central (ENC) and 48 States, end of month, 1981-82 1/

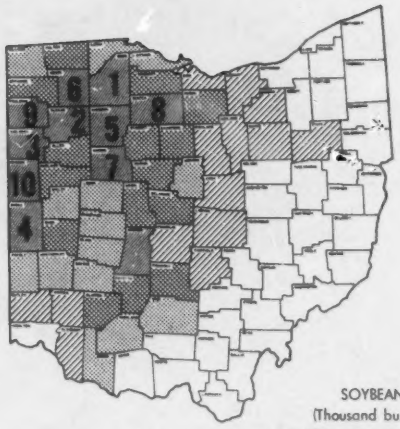
Month	ENC		48 States		ENC		48 States		ENC		48 States	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
						1,000 pounds						
	American cheese				Swiss cheese				Butter			
Jan.	223,642	247,286	504,674	626,301	3,655	2,253	11,770	11,632	119,816	159,969	332,080	430,277
Feb.	229,897	252,861	508,608	622,647	3,738	2,484	12,274	11,522	132,916	159,256	372,315	440,402
Mar.	228,858	267,006	503,927	641,554	3,701	3,037	12,309	12,198	148,750	166,141	407,411	447,795
Jun.	238,379	295,884	584,952	712,295	3,332	3,080	11,858	13,468	193,354	194,573	507,454	541,617
Sep.	225,957	311,564	598,601	765,099	3,034	4,496	11,288	15,284	190,267	167,803	489,454	510,037
Dec.	239,780	348,679	623,017	880,771	2,302	4,099	12,109	12,605	159,840	140,308	429,184	466,822
	Eggs, frozen				Broiler-fryers				Whole turkeys			
Jan.	2,807	2,509	24,355	21,183	525	420	26,957	29,713	16,490	24,933	138,690	152,432
Feb.	2,794	2,423	24,255	19,386	396	511	26,816	28,857	19,089	27,952	138,810	150,494
Mar.	2,766	2,304	22,349	17,389	306	288	24,773	27,035	20,119	23,286	154,760	150,253
Jun.	2,846	3,346	24,218	22,731	254	396	30,112	21,826	35,433	29,730	251,499	214,374
Sep.	2,857	3,373	25,478	28,275	375	475	31,506	19,409	77,195	63,168	443,969	367,375
Dec.	2,372	3,318	21,641	25,426	497	1,031	32,586	22,330	29,755	26,725	155,462	133,709
	Frozen beef, boneless				Frozen beef cuts				Frozen pork picnics			
Jan.	43,247	32,527	318,381	213,710	5,772	5,355	42,951	35,357	1,713	1,333	6,368	7,298
Feb.	40,478	29,525	308,191	195,202	5,005	4,411	39,568	28,053	2,033	1,422	7,920	8,807
Mar.	36,787	28,710	299,058	184,710	4,717	3,726	42,485	27,169	2,721	1,703	8,827	11,565
Jun.	31,737	28,269	265,574	166,751	4,248	3,585	31,900	22,907	2,797	1,225	8,402	7,710
Sep.	26,268	33,861	201,824	216,746	5,055	4,560	33,092	30,933	1,587	962	4,351	4,139
Dec.	35,214	43,271	218,753	260,047	5,580	4,858	37,959	34,328	1,437	1,338	8,016	6,856
	Hams				Bellies				Loins			
Jan.	8,537	2,936	38,033	17,157	27,138	14,866	90,181	46,167	2,241	3,322	15,748	16,162
Feb.	9,628	6,414	39,329	25,079	28,012	12,210	94,661	41,855	2,516	3,424	13,149	14,569
Mar.	6,147	2,988	30,944	16,308	31,103	20,277	104,537	66,061	2,907	3,534	14,447	15,652
Jun.	8,684	11,147	38,390	34,851	35,909	22,940	117,795	72,593	3,543	1,933	14,513	10,191
Sep.	11,069	11,524	52,189	41,556	6,062	1,592	16,228	7,558	2,386	1,107	10,590	6,244
Dec.	1,918	3,711	12,828	11,774	17,607	8,085	54,639	31,292	3,970	4,035	19,795	15,228
	Veal				Lamb and mutton				Canned hams			
Jan.	1,240	4,282	9,281	9,627	631	620	8,997	9,569	11,165	8,347	45,921	26,674
Feb.	1,356	4,194	8,496	8,455	784	636	7,843	8,449	11,855	7,335	47,461	27,323
Mar.	2,718	4,091	9,617	8,249	842	607	7,823	8,783	11,051	5,672	43,049	22,521
Jun.	2,670	2,825	8,401	7,583	949	935	12,297	8,266	10,941	6,872	40,239	27,958
Sep.	2,228	2,390	6,969	6,535	667	703	13,311	8,571	11,220	4,063	35,165	22,713
Dec.	3,576	2,617	9,325	7,362	645	1,330	10,540	8,653	8,029	3,091	24,513	15,955

1/States included are: Ohio, Indiana, Illinois, Michigan, and Wisconsin. Reports were switched from monthly to quarterly in April 1982. Monthly reports were reinstated in January 1983. Data are collected from warehouses normally holding commodities for 30 days or more.

DISTRIBUTION OF CROP PRODUCTION BY COUNTY, 1982

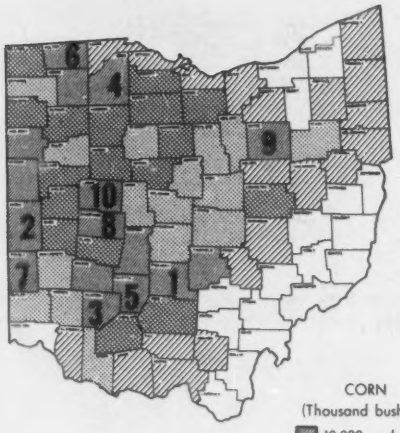
RANK OF FIRST TEN COUNTIES

SOYBEANS



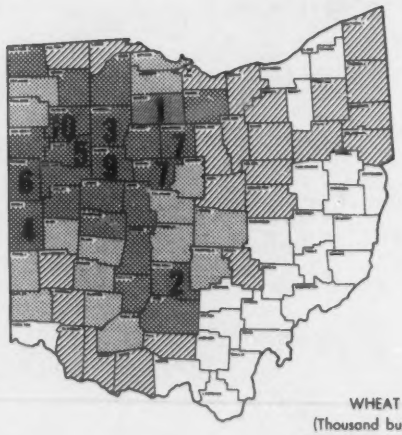
SOYBEANS
(Thousand bushels)
- 3,500 and over
- 2,500 – 3,499
- 1,500 – 2,499
- 500 – 1,499
- under 500

CORN



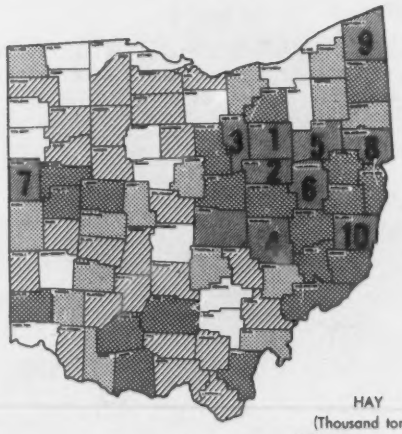
CORN
(Thousand bushels)
- 10,000 and over
- 7,000 – 9,999
- 4,000 – 6,999
- 1,000 – 3,999
- under 1,000

WHEAT



WHEAT
(Thousand bushels)
- 2,000 and over
- 1,000 – 1,999
- 500 – 999
- 100 – 499
- under 100

HAY

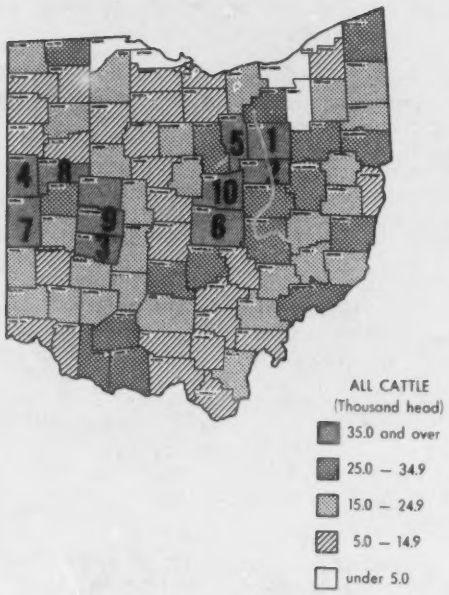


HAY
(Thousand tons)
- 75.0 and over
- 45.0 – 74.9
- 30.0 – 44.9
- 15.0 – 29.9
- under 15.0

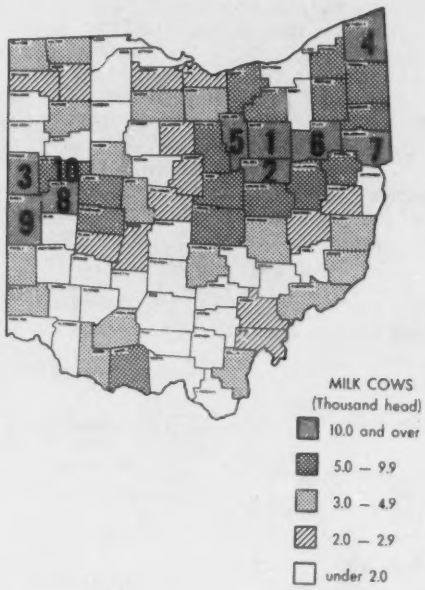
LIVESTOCK NUMBERS, JANUARY 1, 1983

RANK OF FIRST TEN COUNTIES

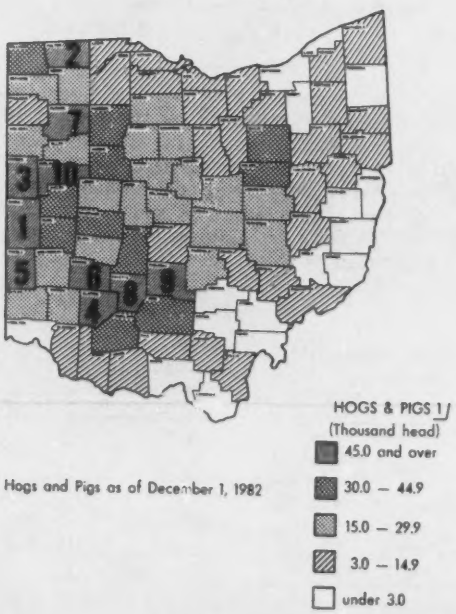
ALL CATTLE



MILK COWS

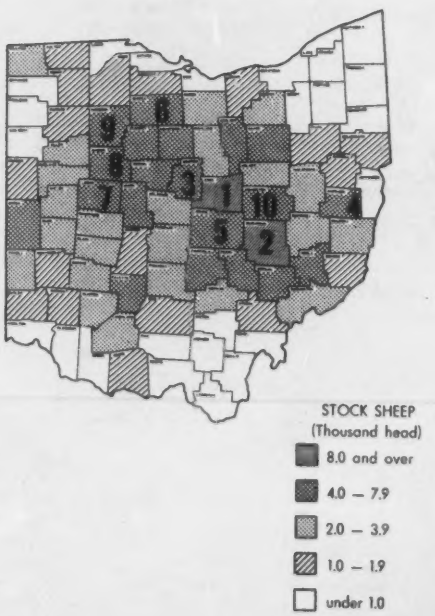


HOGS & PIGS 1/



1/ Hogs and Pigs as of December 1, 1982

STOCK SHEEP



1982 LIVESTOCK, DAIRY AND POULTRY REVIEW

Fewer livestock were on Ohio farms by the end of 1982. Cattle numbers were unchanged, but shifted toward the dairy industry; hog inventories were the lowest in 5 years, while sheep were the lowest of record. Lower prices were received for cattle, calves and sheep. Lamb prices were up slightly, while hog prices reached a new high. Combined cash receipts from the sale of hogs, cattle, calves, sheep and lambs were 15 percent higher than 1981. Egg production increased to a new record, but prices fell below a year earlier.

Cattle and calves on Ohio farms January 1, 1983, totaled 1,900,000 head, unchanged from a year earlier. Increasing inventories occurred in the dairy industry and in steers weighing 500 pounds and over. Offsetting declines were in beef cows and all calves under 500 pounds. Gross income from cattle and calves increased 4 percent to 1982 to $367.6 million, due to increased marketings. Total marketings increased 5 percent to 679.3 million pounds (755,000 head), but prices for both cattle and calves averaged below year earlier levels. Cattle prices were 50 cents lower; calf prices dropped $2.50. Cattle on feed, at 140,000 head on January 1, 1983, was 12 percent higher than a year earlier, but 12 percent below 2 years ago.

Milk cow numbers increased 3 percent over the January 1982 level and, at 393,000 head, were the largest January count in 5 years. For the 35 years prior to 1981, milk cow numbers had shown a steady decline in Ohio. A 5 percent increase has occurred over the past 2 years. Total milk production increased for the third consecutive year to 4.55 billion pounds, a 4 percent increase over 1981. Production per cow advanced 188 pounds to a record 11,727 pounds. Dairy operations in Wayne County produced 10 percent of the State's total milk supply. Swiss cheese production increased 13 percent to a record 40.1 million pounds. Production in Ohio's seven butter plants totaled 33.6 million pounds in 1982, up 1 percent from a year earlier and the largest output since 1977.

On December 1, 1982, Ohio pork producers had 1,820,000 hogs and pigs on their farms, down 11 percent from a year earlier and the lowest December inventory in 5 years. Breeding stock, totaling 240,000 head, was at the lowest level since breeding records were started in 1963. Only tiwce since 1963 has the market hog inventory (1,580,000 head) been lower. Ohio's ranking slipped from 7th to 8th among all States in hog numbers. Marketings during 1982 increased 144,000 head, to 719.4 million pounds. This, combined with record prices, pushed cash receipts from hogs and pigs 27 percent above 1981, to $388.2 million. Market hog prices, averaging $53.90 per cwt., reached a record $63.50 in August 1982. Darke County, with 95,600 hogs and pigs on December 1, 1982, again had the largest total inventory; Mercer County was second largest with 85,500 head.

The January 1, 1983 inventory of all sheep and lambs was 275,000 head, 12 percent below inventories a year earlier. The decrease is a combination of a 12 percent decline in stock sheep and a 15 percent decline in sheep on feed. The 230,000 stock sheep inventory is a record low and a continuation of generally declining inventories for the past 25 years. Ohio is the leading sheep producing State east of the Mississippi River and Nationwide is ranked fourteenth. Cash receipts generated by the sale of sheep and lambs continued to decline and was 2 percent below 1981 sales. Fewer sheep shorn combined with the lowest wool price since 1975, provided a total wool value of $878,000, nearly half that of a year earlier. Ohio wool production has been declining for the past 25 years.

Ohio egg production totaled 2.8 billion eggs in 1982, an increase of 13 percent over 1981 and the largest annual production on record. Egg prices dropped 7 cents below the record 1981 price to 51 cents per dozen. As a result of increased production but lower prices, cash receipts from eggs were nearly unchanged from 1981. Hens and pullets of laying age totaled 12.3 million birds on December 1, 1982, a 16 percent increase during the year. Broiler production of 54 million pounds was up 5 percent over 1981. However, the average price slid to 24 cents per pound, yielding a total value of production of nearly $13 million. Turkey production showed a 6 percent increase over a year earlier, and, with prices advancing to 40 cents per pound, the total value of production was 11 percent higher.

Operations with cattle and milk cows, Ohio, 1981-82

Year	All farms	Operations with	
		All cattle	Milk cows
1978	96,000	54,000	13,200
1979	96,000	51,000	13,000
1980	95,000	49,000	12,600
1981	94,000	48,000	12,300
1982	93,000	47,000	12,000

Cattle and calves: On farms January 1, Ohio, 1982-83

Species	1982	1983	Percent change 83/82
	Thousand head		Percent
All cattle and calves	1,900	1,900	100
Cows and heifers that have calved	770	765	99
Beef	388	372	96
Milk	382	393	103
Heifers 500 pounds and over	320	330	103
Beef replacement	55	55	100
Milk replacement	185	200	108
Other	80	75	94
Steers 500 pounds and over	250	275	110
Bulls 500 pounds and over	40	40	100
Heifers, steers, bulls under 500 pounds	520	490	94

Cattle and calves: Inventory and disposition, Ohio, 1981-83

Year	On hand January 1	Calves born	Inshipments	Marketings: Cattle	Marketings: Calves	On farm slaughter	Deaths: Cattle	Deaths: Calves
	Thousand head							
1981	1,815	710	175	605	103	7	30	55
1982	1,900	715	145	646	109	6	34	65
1983	1,900							

Cattle and calves: Production and income, Ohio, 1980-82

Year	Production	Marketings	Average price per 100 lbs.: Cattle	Average price per 100 lbs.: Calves	Cash receipts	Value of home consumption	Gross income
	Thousand pounds		Dollars		Thousand dollars		
1980	592,915	686,690	56.40	72.30	391,411	19,619	411,030
1981	599,700	647,100	52.00	56.50	337,615	16,945	354,560
1982	636,300	679,290	51.50	53.00	350,166	17,453	367,619

Cattle: On feed, and marketings, by quarters, Ohio, 1980-83 1/

Year	Inventory: Jan. 1	Inventory: Apr. 1	Inventory: Jul. 1	Inventory: Oct. 1	Quarterly marketings: Jan.-Mar.	Quarterly marketings: Apr.-Jun.	Quarterly marketings: Jul.-Sep.	Quarterly marketings: Oct.-Dec.
	Thousand head							
1980	180	165	125	120	52	73	63	56
1981	160	150	110	97	49	66	70	50
1982	125							
1983	140							

1/Quarterly estimates discontinued beginning 1982.

All cattle and milk cows: On farms, January 1, 1982-83, all milk sold to plants and dealers, Ohio, 1981-82

County & District	All cattle and calves		Milk cows and heifers that have calved		Milk sold (Mil. lbs.)	
	January 1, 1982	January 1, 1983	January 1, 1982	January 1, 1983	1981	1982
Allen	13,200	13,700	1,800	1,800	21.4	20.5
Defiance	12,900	12,200	2,800	2,700	25.1	26.9
Fulton	34,300	33,300	2,900	3,200	35.0	36.4
Hancock	11,000	9,900	1,500	1,200	14.1	11.6
Henry	14,300	12,900	2,100	2,100	18.8	19.4
Lucas	1,900	1,800	*	*	*	*
Paulding	6,300	6,500	*	*	*	*
Putnam	15,400	15,000	3,300	3,400	40.9	43.0
Van Wert	6,800	6,500	1,400	1,700	17.2	17.7
Williams	23,200	23,000	3,400	3,400	41.4	41.9
Wood	15,700	15,200	*	*	*	*
District 1	155,000	150,000	21,100	21,200	234.1	235.3
Ashland	40,900	42,800	12,600	13,100	145.3	145.7
Crawford	17,800	17,700	2,400	2,500	29.3	30.6
Erie	6,700	6,500	2,500	2,400	23.3	28.1
Huron	12,900	13,300	4,600	4,800	57.2	59.6
Lorain	15,900	16,700	6,200	6,300	75.6	77.1
Ottawa	3,300	3,200	*	*	*	*
Richland	25,600	27,100	5,700	6,500	67.5	70.5
Sandusky	12,800	13,500	2,500	2,500	25.7	28.9
Seneca	14,100	14,700	4,300	4,200	44.0	43.9
Wyandot	9,000	9,500	1,500	1,600	15.8	16.1
District 2	159,000	165,000	43,100	44,700	489.4	509.3
Ashtabula	33,000	33,700	13,900	13,700	146.3	145.4
Columbiana	33,400	34,700	12,300	12,400	133.2	137.0
Cuyahoga	*	*	*	*	*	*
Geauga	12,400	12,400	5,200	5,200	55.8	56.3
Lake	1,200	1,300	*	*	*	*
Mahoning	17,500	17,600	5,900	6,300	58.9	63.6
Medina	24,000	25,200	9,000	9,200	98.5	105.4
Portage	15,200	16,000	5,000	5,000	57.9	57.8
Stark	34,000	34,000	11,500	12,600	158.9	168.4
Summit	2,600	2,700	*	*	*	*
Trumbull	18,700	18,700	6,800	6,700	76.4	76.4
Wayne	82,700	88,400	33,300	34,800	442.5	460.2
District 3	275,000	285,000	103,600	106,600	1,235.2	1,278.1
Auglaize	36,700	38,200	9,500	9,900	121.2	124.9
Champaign	35,000	36,400	7,600	7,400	79.8	79.1
Clark	52,700	55,700	2,500	2,600	18.1	18.2
Darke	39,000	40,200	9,800	10,100	123.2	129.6
Hardin	20,000	20,000	3,400	3,400	31.6	33.1
Logan	32,400	35,000	7,800	7,800	105.2	108.5
Mercer	49,000	51,500	15,900	16,700	226.8	244.0
Miami	21,800	22,800	1,800	1,900	24.7	27.0
Shelby	30,400	32,200	9,900	10,400	128.0	134.1
District 4	317,000	332,000	68,200	70,200	858.6	898.5
Delaware	15,400	13,900	2,300	2,400	22.7	24.5
Fairfield	31,500	30,900	4,000	4,000	51.1	52.3
Fayette	16,600	15,400	*	*	*	*
Franklin	7,200	6,800	1,300	1,300	16.7	15.4
Knox	38,000	35,300	8,800	9,600	93.1	101.2
Licking	43,000	41,200	6,000	6,100	69.3	69.9
Madison	24,800	24,800	2,500	2,500	22.6	24.8
Marion	13,900	14,000	1,400	1,500	13.2	13.4
Morrow	18,300	18,300	2,900	2,900	23.6	25.9
Pickaway	27,800	27,200	2,100	1,800	15.5	15.6
Ross	24,800	23,600	1,700	1,400	19.2	16.6
Union	22,700	23,600	4,400	4,100	48.0	47.0
District 5	284,000	275,000	38,300	38,400	399.7	410.6

All cattle and milk cows: On farms, January 1, 1982-83, all milk sold to plants and dealers, Ohio, 1981-82

County & District	All cattle and calves		Milk cows and heifers that have calved		Milk sold (Mil. lbs.)	
	January 1, 1982	January 1, 1983	January 1, 1982	January 1, 1983	1981	1982
Belmont	26,500	25,400	3,600	4,000	31.8	34.3
Carroll	24,400	24,400	7,000	7,300	52.4	55.3
Coshocton	34,400	33,700	5,500	5,900	50.2	53.1
Harrison	18,400	16,600	2,500	2,500	29.4	30.2
Holmes	54,000	57,200	23,100	23,500	222.0	232.0
Jefferson	10,900	9,800	1,600	1,700	20.4	21.7
Tuscarawas	34,400	30,900	9,100	9,600	136.3	143.0
District 6	203,000	198,000	52,400	54,500	542.5	569.6
Butler	24,400	24,600	4,200	4,200	43.2	43.5
Clermont	12,600	12,300	*	*	*	*
Clinton	20,900	21,100	1,500	1,400	17.1	17.7
Greene	19,200	20,700	1,400	1,400	16.3	16.2
Hamilton	5,700	5,600	*	*	*	*
Montgomery	14,500	13,900	1,500	1,700	19.1	19.8
Preble	24,800	24,800	3,600	3,600	43.0	44.5
Warren	16,900	17,000	1,900	1,900	16.8	16.8
District 7	139,000	140,000	15,800	15,800	175.1	179.1
Adams	33,300	32,900	5,300	5,500	44.9	49.4
Brown	26,400	27,200	3,400	3,500	27.3	27.9
Gallia	22,500	22,300	3,000	3,100	31.0	33.2
Highland	31,600	31,900	3,400	3,600	34.0	33.3
Jackson	13,900	13,600	*	*	*	*
Lawrence	11,000	10,900	1,000	1,000	8.2	8.2
Pike	13,100	13,000	*	*	*	*
Scioto	13,200	13,200	2,000	1,900	22.5	22.0
District 8	165,000	165,000	19,500	20,200	181.4	188.7
Athens	15,900	15,500	2,000	2,200	21.5	23.1
Guernsey	21,300	20,000	2,200	2,200	21.4	22.1
Hocking	7,200	6,600	*	*	*	*
Meigs	14,000	13,300	2,400	2,500	20.9	21.6
Monroe	20,300	19,100	3,200	3,300	26.9	29.3
Morgan	20,100	18,100	1,600	1,700	14.6	15.9
Muskingum	35,100	33,000	3,100	3,600	34.7	39.5
Noble	18,600	17,500	*	*	*	*
Perry	15,900	14,300	1,300	1,300	13.6	14.3
Vinton	6,300	6,000	*	*	*	*
Washington	28,300	26,600	3,100	3,400	33.4	37.0
District 9	203,000	190,000	20,000	21,400	194.0	210.8
STATE	1,900,000	1,900,000	382,000	393,000	4,310.0	4,480.0

*Counties with less than 1,000 head not published.

All cattle and calves: Inventory and value, January 1, 1981-83

Inventory			Value per head			Total value		
1981	1982	1983	1981	1982	1983	1981	1982	1983
Thousand head			Dollars			Million dollars		
1,815	1,900	1,900	555	475	450	1,007.3	902.5	885.0

All cattle and calves: Percent of operations and inventory by size groups, Ohio, 1980-81 1/

Item	Size of operation							
	1-49		50-99		100-499		500+	
	1980	1981	1980	1981	1980	1981	1980	1981
	Percent							
Operations	81.6	81.0	11.2	11.5	7.2	7.5	2/	2/
Inventory	36.9	41.8	22.3	20.3	36.2	33.2	4.6	4.7

1/1982 information will be published in the Cattle report, July 21, 1983. 2/Combined with 100-499 size group to avoid disclosing individual operations.

Milk: Cows on farms, milk per cow, milk production, milkfat by months, Ohio 1981-82

Month 1/	Cows on farm		Milk per cow		Milk production		Milkfat-all milk	
	1981	1982	1981	1982	1981	1982	1981	1982
	Thousands		Pounds		Million pounds		Percent	
January	377	383	935	935	352	358	3.86	3.85
February	377	384	870	875	328	356	3.81	3.80
March	379	386	985	995	373	384	3.76	3.75
1st quarter	378	384	2,786	2,807	1,053	1,078		
April	380		1,000		380		3.69	3.70
May	381		1,080		411		3.62	3.56
June	380		1,020		388		3.55	3.52
2nd quarter	380	385	3,103	3,110	1,179	1,197		
July	380		995		378		3.48	3.49
August	380		975		371		3.50	3.48
September	380		930		353		3.61	3.57
3rd quarter	380	390	2,900	2,960	1,102	1,154		
October	380		940		357		3.72	3.67
November	381		890		339		3.77	3.78
December	382		930		355		3.82	3.80
4th quarter	381	392	2,759	2,860	1,051	1,121		
Annual	380	388	11,539	11,727	4,385	4,550	3.68	3.66

1/The frequency of dairy data was reduced from monthly to quarterly following report for March 1982. Monthly estimates were reinstated beginning January 1983.

Milk production and disposition, Ohio, 1980-82

Year	Milk used where produced			Milk marketed by producers				Total milk produced
	Fed to calves	Used for milk, cream and butter	Total	Sold to plants & dealers: As whole milk	Sold to plants & dealers: As separated cream	Sold 1/ directly to consumers	Total marketed	
	Million pounds							
1980	40	35	75	4,220	-	15	4,235	4,310
1981	34	27	61	4,310	-	14	4,324	4,385
1982	31	25	56	4,480	-	14	4,494	4,550

1/Includes institutional herds.

Milk: Quantity marketed, price, cash receipts and value, Ohio, 1981-82

Year	Combined marketings milk & cream			Used for milk, cream & butter where produced		Gross producer income	Value of milk produced
	Milk utilized	Price per 100 lbs.	Cash receipts from marketings	Milk utilized	Value		
	Mil. lbs.	Dollars	1,000 dol.	Mil. lbs.	1,000 dol.	1,000 dol.	1,000 dol.
1981	4,324	13.84	598,557	27	3,737	602,294	606,884
1982	4,494	13.74	617,537	25	3,435	620,972	625,170

Milk cows: Percent of operations and inventory by size groups, Ohio, 1980-81

Item	Size of operation 1/							
	1-29		30-49		50-99		100+	
	1980	1981	1980	1981	1980	1981	1980	1981
	Percent							
Operations	64.0	63.2	19.3	19.3	14.5	15.0	2.2	2.5
Inventory	29.2	27.5	25.9	26.0	34.0	34.8	10.8	11.8

1/1982 information will be published in the Cattle Report, July 21, 1983.

Manufactured dairy products: Production by months, Ohio, 1981-82

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
American cheese - thousand pounds													
1981	2,959	3,323	3,759	4,581	4,800	4,293	3,316	3,318	2,730	2,955	2,628	3,854	42,516
1982	3,019	2,854	3,379	3,402	3,508	3,620	3,277	2,953	2,570	2,994	2,541	3,805	37,922
Swiss cheese - thousand pounds													
1981	2,650	2,366	2,836	2,893	3,681	3,257	3,251	3,120	2,816	2,844	2,793	3,055	35,562
1982	3,112	2,575	3,037	3,220	3,675	3,774	3,570	3,653	3,550	3,533	3,127	3,275	40,101
All cheese - thousand pounds													
1981	7,078	7,330	8,836	9,233	9,909	9,387	7,947	7,833	6,913	7,038	6,689	8,307	96,500
1982	7,460	6,762	7,935	8,010	8,513	8,749	8,071	7,833	7,534	7,796	6,968	8,432	94,063
Butter - thousand pounds													
1981	3,469	3,159	3,108	3,620	3,603	2,584	1,732	1,362	2,294	3,057	2,538	2,825	33,351
1982	3,223	2,736	4,079	3,734	3,221	1,912	1,910	1,507	2,470	2,651	2,707	3,436	33,586
Cottage cheese, curd - thousand pounds													
1981	3,534	3,712	4,515	4,365	3,925	4,286	4,286	3,882	4,013	3,983	3,804	3,565	47,870
1982	3,713	4,307	4,487	4,244	4,241	4,129	3,887	3,641	3,622	3,453	3,426	3,172	46,322
Cottage cheese, lowfat - thousand pounds													
1981	1,057	1,210	1,293	1,253	1,385	1,372	1,314	1,160	1,228	1,739	1,333	857	15,201
1982	1,280	1,822	2,132	1,708	1,615	2,194	1,506	1,421	1,361	1,294	1,266	1,192	18,791
Cottage cheese, creamed - thousand pounds													
1981	4,508	4,573	5,674	5,315	4,654	5,269	5,303	4,862	5,032	4,876	4,469	4,387	58,922
1982	4,389	4,761	5,119	4,676	4,865	4,801	4,312	4,242	4,124	3,735	3,684	3,349	52,057
Ice cream mix - thousand gallons													
1981	1,473	1,678	2,103	2,010	1,982	2,483	2,514	2,201	2,149	1,734	1,543	1,624	23,494
1982	1,264	1,657	2,034	1,773	1,978	2,500	2,297	2,363	2,064	1,752	1,673	1,644	22,999
Ice milk mix - thousand gallons													
1981	619	772	1,203	1,468	1,566	1,897	1,970	1,635	1,216	943	761	660	14,710
1982	552	700	1,176	1,391	1,646	1,612	1,910	1,574	1,202	886	728	655	14,032
Milk sherbet mix - thousand gallons													
1981	111	114	178	196	190	213	256	203	160	123	109	120	1,973
1982	99	105	157	154	200	240	261	243	165	133	106	150	2,013
Ice cream - thousand gallons													
1981	2,870	3,305	4,183	3,950	4,029	4,876	4,975	4,483	4,221	3,412	3,052	3,394	46,750
1982	2,518	3,369	4,147	3,579	3,872	5,032	4,596	4,823	4,227	3,624	3,427	3,455	46,669
Ice milk - thousand gallons													
1981	952	1,207	1,891	2,240	2,291	2,801	2,874	2,396	1,830	1,378	1,163	1,021	22,044
1982	852	1,104	1,765	2,038	2,374	2,402	2,772	2,303	1,843	1,316	1,102	995	20,866
Milk sherbet - thousand gallons													
1981	157	168	280	306	287	324	402	317	249	190	163	207	3,050
1982	130	169	242	245	298	314	376	337	247	195	171	235	2,959
Water ices - thousand gallons													
1981	96	210	272	199	264	366	393	224	134	58	45	63	2,324
1982	60	134	223	266	465	472	388	296	138	68	66	50	2,626

All hogs and pigs: Quarterly inventory, by classes, Ohio, 1982-83

Year and quarter	Total hogs	Breeding hogs	Market hogs and pigs				
			Under 60 lbs.	60-119 lbs.	120-179 lbs.	180 lbs. and over	Total
	Thousand head						
1982							
Mar. 1	1,800	250	630	385	300	235	1,550
Jun. 1	1,700	230	630	380	250	210	1,470
Sep. 1	1,700	240	600	350	290	220	1,460
Dec. 1	1,820	240	610	400	320	250	1,580
1983							
Mar. 1	1,850	260	634	390	316	250	1,590

Hogs: Inventory number, pig crop, and disposition, Ohio, 1980-83

Year	December 1 inventory 1/	Pig crop		Inshipments	Marketings 2/	Farm 3/ slaughter	Deaths
		Dec.-May	Jun.-Nov.				
	Thousand head						
1980	2,120	1,533	1,646	234	3,045	18	320
1981	2,150	1,451	1,523	204	2,941	17	320
1982	2,050	1,441	1,502	192	3,085	10	270
1983	1,820						

1/December 1 previous year. 2/Excludes interfarm sales. 3/Excludes custom slaughter for farmers at commercial establishments.

Hogs: Production and income, Ohio, 1980-82

Year	Production	Marketings	Price per cwt.	Cash receipts	Value of home consumption	Gross income
	Thousand pounds		Dollars	Thousand dollars		
1980	692,279	692,895	38.10	264,138	4,115	268,253
1981	668,813	683,327	44.60	305,044	3,548	308,592
1982	683,634	719,374	53.90	388,184	2,523	390,707

Sow farrowings, pigs per litter, and pig crop, Ohio, 1981-82

Year	December-May pig crop 1/			June-November pig crop		
	Sows farrowing	Pigs/litter	Pig crop	Sows farrowing	Pigs/litter	Pig crop
	Thou. head	Head	Thou. head	Thou. head	Head	Thou. head
1981	192	7.56	1,451	198	7.69	1,523
1982	191	7.54	1,441	192	7.82	1,502

1/December 1, previous year.

Hogs and pigs: Percent of operations and inventory by size groups, Ohio, 1981-82

Item	Size of operation					
	1-99		100-499		500+	
	1981	1982	1981	1982	1981	1982
	Percent					
Operations	78.0	73.1	18.5	22.5	3.5	4.4
Inventory	16.0	13.8	41.0	43.5	43.0	42.7

Sheep and lambs, January 1, Ohio, 1981-83

Year	Total	Sheep on feed	Stock sheep & lambs	Lambs		One year and older		New crop 1/ lambs
				Ewes	Wethers & rams	Ewes	Wethers & rams	
	Thousand head							
1981	310	50	260	33	8	212	7	11
1982	313	53	260	36	9	207	8	12
1983	275	45	230	32	7	185	6	10

1/Not included in total inventory.

Sheep: Inventory and disposition, Ohio, 1981-83

Year	Inventory January 1	Lamb crop	Inshipments	Marketings		Farm slaughter	Deaths	
				Sheep	Lambs		Sheep	Lambs
	Thousand head							
1981	310	255	4	29	173	2	16	36
1982	313	230	2	49	162	5	20	34
1983	275							

Sheep: Production and income, Ohio, 1980-82

Year	Production	Marketings	Average weight per cwt.		Cash receipts	Value of home consumption	Gross income
			Sheep	Lambs			
	Thousand pounds		Dollars		Thousand dollars		
1980	20,986	22,087	25.30	62.60	12,463	135	12,598
1981	19,514	19,538	22.40	53.00	9,386	114	9,500
1982	16,088	20,202	20.40	53.80	9,197	308	9,505

Wool: Production and value, Ohio, 1980-82

Year	Sheep shorn	Weight per fleece	Production	Price per pound	Value
	Thousand head	Pounds	Thousand pounds	Cents	Thousand dollars
1980	313	7.3	2,290	75	1,718
1981	316	7.2	2,272	72	1,636
1982	299	7.2	2,142	41	878

Hogs and pigs: Number on farms, Ohio, December 1, 1981-82;
Stock sheep: Number on farms, Ohio, January 1, 1982-83

County & District	Hogs and pigs		Stock sheep	
	December 1, 1981	December 1, 1982	January 1, 1982	January 1, 1983
Allen	31,000	27,000	2,300	2,000
Defiance	25,500	23,000	*	*
Fulton	93,000	85,500	1,300	1,100
Hancock	35,000	31,000	6,600	6,000
Henry	33,000	28,000	1,400	1,100
Lucas	12,000	10,200	*	*
Paulding	12,000	10,800	*	*
Putnam	59,400	63,000	1,700	1,500
Van Wert	26,500	23,500	1,000	*
Williams	39,500	35,000	3,000	2,650
Wood	13,100	12,000	2,000	1,700
District 1	380,000	349,000	20,600	17,900
Ashland	19,000	14,800	6,500	5,900
Crawford	28,000	24,800	5,300	4,800
Erie	4,900	4,100	*	*
Huron	17,500	14,500	2,900	2,500
Lorain	6,800	5,400	1,800	1,600
Ottawa	3,800	3,000	*	*
Richland	16,000	12,200	2,900	2,500
Sandusky	14,000	11,200	2,000	1,700
Seneca	35,000	26,100	7,800	6,800
Wyandot	30,000	23,900	5,400	4,900
District 2	175,000	140,000	35,600	31,600
Ashtabula	9,500	7,600	1,000	*
Columbiana	7,500	6,000	2,200	1,900
Cuyahoga	*	*	*	*
Geauga	4,500	4,000	*	*
Lake	*	*	*	*
Mahoning	5,600	4,500	*	*
Medina	10,800	9,700	2,900	2,500
Portage	3,800	3,200	*	*
Stark	13,500	10,100	2,100	1,800
Summit	*	*	*	*
Trumbull	3,000	2,400	1,000	*
Wayne	50,500	41,400	4,700	4,000
District 3	110,000	90,000	16,700	14,000
Auglaize	52,000	46,800	3,600	3,300
Champaign	32,000	34,000	3,400	3,200
Clark	31,000	27,900	2,400	2,100
Darke	106,000	95,600	4,700	4,000
Hardin	38,000	36,100	6,700	6,100
Logan	26,000	24,400	6,800	6,200
Mercer	85,000	80,700	1,900	1,700
Miami	29,000	31,000	3,100	2,800
Shelby	41,000	43,500	3,500	3,100
District 4	440,000	420,000	36,100	32,500
Delaware	17,000	15,000	3,600	3,300
Fairfield	32,500	27,700	4,900	4,400
Fayette	66,000	58,000	4,500	4,000
Franklin	7,500	7,000	2,900	2,500
Knox	27,000	23,000	14,400	13,100
Licking	21,500	18,300	8,400	7,600
Madison	43,500	34,800	1,700	1,500
Marion	33,000	27,400	5,600	5,300
Morrow	18,000	15,700	8,500	7,800
Pickaway	58,000	49,900	2,200	2,000
Ross	42,000	39,900	2,000	1,800
Union	29,000	23,300	5,700	5,200
District 5	395,000	340,000	64,400	58,500

Hogs and pigs: Number on farms, Ohio, December 1, 1981-82;
Stock sheep: Number on farms, Ohio, January 1, 1982-83

	Hogs and pigs		Stock sheep	
	December 1, 1981	December 1, 1982	January 1, 1982	January 1, 1983
Belmont	*	*	2,400	2,000
Carroll	4,300	3,500	1,800	1,500
Coshocton	27,500	22,300	7,000	5,900
Harrison	1,800	1,600	8,800	7,700
Holmes	39,900	35,000	2,300	2,000
Jefferson	2,200	1,800	*	*
Tuscarawas	6,800	5,400	3,100	2,600
District 6	83,000	70,000	26,200	22,300
Butler	32,000	27,200	1,800	1,500
Clermont	5,000	4,000	*	*
Clinton	97,000	78,500	2,700	2,200
Greene	65,000	64,000	3,100	2,600
Hamilton	1,500	1,300	*	*
Montgomery	19,500	17,500	1,200	1,000
Preble	83,000	70,500	2,400	2,000
Warren	19,000	17,000	1,700	1,400
District 7	322,000	280,000	14,200	11,600
Adams	15,500	14,000	1,300	1,100
Brown	10,200	10,000	*	*
Gallia	3,500	3,300	*	*
Highland	36,500	34,500	4,400	3,850
Jackson	6,800	6,500	*	*
Lawrence	*	*	*	*
Pike	10,000	9,400	*	*
Scioto	2,000	1,900	*	*
District 8	85,000	80,000	8,800	7,500
Athens	3,200	2,800	1,800	1,600
Guernsey	3,800	3,000	3,700	3,400
Hocking	2,400	2,100	2,400	2,200
Meigs	1,900	1,600	*	*
Monroe	1,900	1,500	1,200	1,000
Morgan	5,900	5,000	4,700	4,200
Muskingum	20,600	18,100	10,700	9,900
Noble	1,300	1,100	4,800	4,500
Perry	8,300	6,600	4,400	4,100
Vinton	3,200	2,700	*	*
Washington	7,500	6,500	2,500	2,200
District 9	60,000	51,000	37,400	34,100
STATE	2,050,000	1,820,000	260,000	230,000

*Counties with less than 1,000 head not published.

All hogs and sheep: Inventory and value, Ohio, 1981-83 1/

	Inventory			Value per head			Total value		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
	Thousand head			Dollars			Million dollars		
Hogs	2,150	2,050	1,820	66.50	66.00	90.50	143.0	135.3	164.7
Sheep	310	313	275	67.50	57.00	59.50	20.9	17.8	16.4

1/January 1 for sheep; preceding year, for hogs.

Operations with hogs and sheep, Ohio, 1978-82

Year	All farms	Operations with	
		Hogs	Sheep
1978	96,000	22,000	9,000
1979	96,000	24,000	8,500
1980	95,000	23,000	8,000
1981	94,000	20,000	7,900
1982	93,000	16,000	8,000

Commercial slaughter: By month, Ohio, 1981-82 1/

Month 2/	Number of head		Average live weight		Number of head		Average live weight	
	1981	1982	1981	1982	1981	1982	1981	1982
	Thousands		Pounds		Thousands		Pounds	
	Cattle				Calves			
January	48.3		1,069		.4		203	
February	44.1		1,076		.4		195	
March	53.1		1,079		.4		214	
1st quarter	145.5	160.8	1,075	1,067	1.2	5.6	204	324
April	52.2		1,078		.5		182	
May	45.5		1,067		.4		194	
June	47.1		1,056		.3		200	
2nd quarter	144.8	158.9	1,067	1,065	1.2	5.8	191	171
July	50.5		1,064		.5		228	
August	54.4		1,056		1.4		231	
September	57.2		1,060		1.2		248	
3rd quarter	162.1	172.4	1,060	1,056	3.1	6.8	237	171
October	55.7		1,060		1.7		375	
November	50.6		1,065		1.7		368	
December	52.6		1,065		1.6		370	
4th quarter	158.9	166.2	1,063	1,047	5.0	7.0	371	175
Annual	611.3	658.3	1,066	1,059	10.5	25.1	293	206
	Hogs				Sheep			
January	413.7		236		1.3		97	
February	374.1		233		.9		99	
March	423.0		233		1.2		99	
1st quarter	1,210.8	1,134.4	234	232	3.4	3.9	98	103
April	412.2		233		3.1		87	
May	387.0		233		1.3		95	
June	378.0		232		1.5		96	
2nd quarter	1,177.2	1,036.3	233	234	5.9	7.0	91	93
July	370.9		230		1.7		96	
August	388.6		230		2.9		99	
September	426.2		233		2.9		98	
3rd quarter	1,185.7	1,032.7	231	234	7.5	8.4	98	98
October	437.4		235		2.1		97	
November	397.0		237		1.7		98	
December	436.8		235		1.6		101	
4th quarter	1,271.2	995.8	236	239	5.4	5.0	99	100
Annual	4,844.8	4,199.3	233	235	22.3	24.4	96	97

1/Includes slaughter in federally inspected and in other slaughter plants, but excludes animals slaughtered on farms. Total may not add due to rounding. 2/The frequency of slaughter was reduced from monthly to quarterly following the report for March 1982. Monthly estimates were reinstated beginning January 1983.

Mink: Females bred and milk production, Ohio, 1977-81 1/

Year	Standard	Pastel	Sapphire	Pearl	Violet-type	Demi-buff 2/	Misc. Unclassified	Total	Number of ranches
	Thousand females bred								
1977	16.7	12.3	.65	3.0	1.8	-	1.35	35.8	
1978	16.7	12.6	1.00	2.8	1.8	-	.50	35.4	
1979	15.0	9.5	1.40	3.9	1.5	-	7.00	38.3	
1980	16.2	9.8	1.10	3.5	1.5	6.4	.8	39.3	
1981	17.1	8.9	.90	3.7	1.7	5.5	4.39	42.1	
	Thousand pelts produced 3/								
1977	39.2	39.2	1.1	9.5	4.5	19.9	3.6	117.0	34
1978	43.4	34.8	2.0	7.3	4.4	26.8	3.3	122.0	35
1979	49.6	28.1	3.1	7.9	4.3	26.7	2.3	122.0	39
1980	52.9	27.5	2.6	9.3	3.6	25.2	11.8	132.9	40

1/Mink production discontinued in 1982, but reinstated; 1982 pelt production will be available July 8. 2/This color class includes females bred to produce demi-buff, dark brown, violet, pastel, standard and pearl crosses and others. 3/1981 not available. Estimates discontinued.

Chickens: Inventory by classes, Ohio and United States, December 1, 1980-82

	Ohio			United States		
	1980	1981	1982	1980	1981	1982
	Thousands					
Hens 1 year and older	3,500	3,900	5,500	122,038	128,814	133,103
Pullets of laying age	6,600	6,700	6,800	172,185	164,640	155,765
Pullets not of laying age, over 3 months old	1,150	1,625	1,350	47,183	42,330	40,475
Pullets under 3 months old	1,350	1,900	1,875	44,358	42,228	42,589
Other chickens	70	75	75	6,346	6,826	6,577
Total 1/	12,670	14,200	15,600	392,110	384,838	378,509
All chickens, value per head 2/	1.50	1.35	1.45	1.88	1.89	1.85
Total value 1/	19,005	19,170	22,620	738,646	727,188	701,273

1/Excludes commercial broilers. 2/Dollars per head.

Chickens: Inventory, disposition, income and number of farms 1/, Ohio, 1981-82

	Ohio		United States	
	1981	1982	1981	1982
	Thousands			
All chickens previous December 1	12,670	14,200	392,110	384,838
Lost 2/	1,500	1,250	40,578	35,241
Raised 3/	10,000	11,500	282,653	281,359
Home consumption	270	250	10,612	10,166
Sold	6,700	8,600	238,735	242,281
All chickens current December 1	14,200	15,600	384,838	378,509
Number produced 4/	8,500	10,250	242,075	246,118
Pounds produced	40,710	52,593	1,187,811	1,171,080
Pounds sold	34,170	43,860	1,164,031	1,159,302
Home consumption (pounds)	1,215	1,125	41,931	39,949
Price per pound (cents)	9.4	9.6	11.1	10.3
Value of production (dollars)	3,827	5,049	132,264	120,896
Cash receipts (dollars)	3,212	4,211	129,684	118,953
Value of home consumption (dollars)	114	108	4,574	4,018
Gross income (dollars)	3,326	4,319	134,258	122,971
Number of chicken farms	11.7	11.5	-	-

1/Data cover both farm and commercial operations, but exclude commercial broilers. Total of sales, home consumption, losses and on hand end of year equals total number of raised and on hand beginning of year. 2/Loss during year of chickens on hand December 1. 3/Does not include young chickens lost. 4/Production is the quantity available for utilization during the year, i.e., sales plus home consumption, plus or minus the change in inventory.

Average number of layers on hand and eggs produced, Ohio, 1981-82

Month	Layers		Eggs per 100 layers		Eggs produced	
	1981	1982	1981	1982	1981	1982
	Thousands		Number		Millions	
December	10,296	10,700	2,088	2,047	215	219
January	10,297	10,800	2,078	1,944	214	210
February	10,123	10,650	1,897	1,840	192	196
1st quarter	10,238	10,717	6,066	5,832	621	625
March	10,145		2,090		212	
April	10,047		2,030		204	
May	9,600		2,115		203	
2nd quarter	9,930	10,650	6,234	6,440	619	686
June	9,240		2,045		189	
July	9,440		2,018		199	
August	9,726		2,108		205	
3rd quarter	9,468	11,100	6,263	6,403	593	711
September	9,743		1,940		189	
October	10,094		1,952		197	
November	10,550		2,009		212	
4th quarter	10,129	11,850	5,904	6,185	598	733
Total					2,431	2,755

1/Frequency of estimates was reduced from monthly to quarterly following the report for March 1982. Monthly estimates were reinstated beginning January 1983.

Eggs: Production, disposition, and income, Ohio and United States, 1981-82

	Ohio		United States	
	1981	1982	1981	1982
Eggs produced (mil. eggs)	2,431	2,755	69,827	69,680
Home consumption (mil. eggs)	16	16	444	434
Eggs sold (mil. eggs)	2,415	2,739	69,383	69,246
Price per dozen (cents)	58.0	51.0	63.1	59.5
Cash receipts (1,000 dollars)	116,725	116,408	3,648,525	3,435,564
Value of home consumption 1/(1,000 dollars)	773	680	22,896	21,129
Value of production (1,000 dollars)	117,498	117,088	3,671,421	3,456,693

1/Valued at same price as eggs sold.

Chickens: Number of operations with hens and pullets of laying age and percent, Ohio, December 1, 1981-82

	Hens and pullets of laying age											
	3,000-9,999		10,000-19,999		20,000-49,999		50,000-99,999		100,000+		Total 3,000+	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
Operations 1/	79	65	40	39	41	42	16	19	20	19	196	184
Pct. of HPLA	4	3	5	4	11	11	11	11	60	66	91	95

1/Independent operations and contractors.

Broilers: Production and gross income, Ohio and United States, 1981-82 1/

	Ohio		United States 2/	
	1981	1982	1981	1982
Number produced (thou. head)	12,800	13,500	4,149,800	4,151,275
Pounds produced (thou. pounds)	51,200	54,000	16,529,508	16,769,971
Price per pound 3/(cents)	26.5	24.0	28.5	26.9
Value of production (thou. dollars)	13,568	12,960	4,702,856	4,505,579

1/Broiler production including other meat-type breeds. Based on broilers hatched December 1, previous year through November 30, current year. 2/Excludes States producing less than 500,000 birds. 3/Live weight equivalent price.

Turkeys: Production and gross income, Ohio and United States, 1981-82

	Ohio		United States	
	1981	1982	1981	1982
Heavy breeds 1/(thou. head)	4/	4/	159,184	157,284
Light breeds 1/(thou. head)	4/	4/	11,631	8,169
Total 1/(thou. head)	2,500	2,700	170,815	165,453
Pounds produced 2/(thou. pounds)	54,750	57,780	3,262,967	3,175,762
Price per pound 3/(cents)	38.0	40.0	38.2	39.5
Value of production (thou. dollars)	20,805	23,112	1,247,206	1,254,367

1/Based on turkeys hatched September 1, previous year through August 31, current year. 2/Includes home consumption. 3/Live weight equivalent price. 4/Breakdown by breeds combined to avoid disclosing individual operations.

Turkey breeder hens: All breeds, December 1, Ohio and major States, 1980-82

	1980	1981	1982	1982 as percent of 1981
	Thousand head			Percent
OHIO	165	155	160	103
27 Major States	3,749	3,514	3,429	98

Chickens: Number of hens and pullets of laying age and total chickens, December 1, Ohio, 1980-82

District	HPLA			All chickens 1/		
	1980	1981	1982	1980	1981	1982
	Thousands					
1	2,400	2,100	1,950	3,150	2,600	2,950
2	360	450	325	550	600	515
3	1,200	1,250	1,250	1,600	1,500	1,400
4	3,785	4,050	4,250	4,600	4,900	4,800
5	1,300	1,800	3,550	1,500	3,400	4,700
6	290	300	350	300	330	375
7	250	120	150	280	270	160
8	280	160	225	350	300	400
9	235	230	250	340	300	300
State	10,100	10,600	12,300	12,670	14,200	15,600

1/Excludes commercial broilers.

U.S. total eggs: Supply and utilization by quarters, 1981-82

Calendar quarter and year	Supply					Utilization			
	Production	Imports[1]	Beginning Stocks[1]	Total Supply	Ending Stocks[1]	Exports and shipments[1]	Domestic disappearance		
							Eggs used for hatching	Military[1]	Civilian
									Total / Per capita
	Million dozen								Number[2]
1981									
I	1,454.6	.6	19.4	1,456.7	17.9	60.5	131.2	5.5	1,259.4 / 66.6
II	1,435.4	1.8	17.9	1,435.5	19.6	62.3	131.7	6.6	1,234.9 / 65.2
III	1,443.2	1.8	19.6	1,444.7	19.9	65.6	121.3	6.1	1,251.6 / 65.9
IV	1,488.4	.4	19.9	1,491.3	17.5	68.3	122.5	6.9	1,293.7 / 67.9
Year	5,821.6	4.7	19.4	5,828.2	17.5	256.7	506.7	25.1	5,039.6 / 265.6
1982[3]									
I	1,441.6	.5	17.5	1,445.2	14.4	53.1	128.4	5.9	1,257.7 / 65.9
II	1,440.7	.3	14.4	1,437.1	18.2	36.9	132.4	4.8	1,263.0 / 66.0
III	1,436.9	1.6	18.2	1,434.4	22.3	37.6	120.3	6.4	1,270.1 / 66.2
IV	1,479.1	.1	22.3	1,481.2	20.3	57.3	124.4	5.3	1,294.3 / 67.3
Year	5,798.2	2.5	17.5	5,797.9	20.3	184.9	505.5	22.4	5,085.1 / 265.4

[1]Shell eggs and the approximate shell-egg equivalent of egg product. [2]Calculated from unrounded data. [3]Preliminary.

U.S. eggs: Prices and price spreads, 1982-83

Item	January	February	March	April	May	June	July	August	September	October	November	December	Average
	Cents per dozen												
Farm Price[1]													
1982	59.1	61.7	62.8	57.9	48.8	45.6	49.2	44.6	51.4	52.8	52.1	55.4	54.8
1983	52.6	54.7	52.1	50.8									
New York (cartoned)[2] Grade A, Large													
1982	81.4	77.7	79.4	72.2	64.0	63.9	64.0	64.8	68.6	69.5	68.6	67.2	70.1
1983	62.7	65.7	69.1										
4-Region Average, Grade A, Large Retail Price													
1982	93.9	101.1	96.7	92.3	85.3	80.5	86.6	80.1	87.5	87.3	86.1	84.8	88.5
1983	85.2	82.7	85.4										
Price Spreads													
Farm-to-Consumer													
1982	32.3	42.8	35.7	40.6	40.6	34.6	39.6	33.5	36.8	36.0	35.7	35.7	37.0
1983	41.8	36.1	33.9										
Farm-to-Retailer													
1982	17.7	21.4	18.8	22.5	20.5	17.2	19.0	16.1	18.4	18.3	17.9	19.1	18.9
1983	21.2	18.9	18.2										
Retail													
1982	14.6	21.4	16.9	18.1	20.1	17.4	20.6	17.4	18.4	17.7	17.8	16.6	18.1
1983	20.6	17.2	15.7										

[1]Market (table) eggs including eggs sold retail by the producer; data not available prior to 1982. [2]Price to volume buyers.

Prices received by farmers: Selected commodities, by months, Ohio, 1981-82

Commodity and year	Unit	Jan.	Feb.	Mar.	Apr.	May	Jun.
				Dollars			
CORN							
1981	Bu.	3.23	3.28	3.34	3.36	3.32	3.24
1982	"	2.55	2.45	2.48	2.57	2.68	2.55
SOYBEANS							
1981	Bu.	7.80	7.54	7.59	7.58	7.45	7.13
1982	"	6.24	6.11	6.07	6.34	6.40	6.24
WHEAT							
1981	Bu.	4.68	4.31	4.11	4.02	3.64	3.40
1982	"	3.73	3.38	3.35	3.39	3.28	3.18
OATS							
1981	Bu.	2.25	2.43	2.46	2.42	2.37	2.18
1982	"	2.24	2.35	2.35	2.31	2.52	1.97
ALL HAY							
1981	Ton	61.00	63.00	66.00	66.00	80.00	63.00
1982	"	93.00	99.00	93.00	117.00	99.00	99.00
ALL POTATOES							
1981	Cwt.	10.70	12.10	14.00	-	-	-
1982	"	6.40	6.40	5.90	8.00	-	-
HOGS							
1981	Cwt.	41.60	42.50	39.50	40.00	42.70	47.60
1982	"	44.00	49.90	49.60	52.70	58.20	59.80
CATTLE, ALL BEEF							
1981	Cwt.	52.70	52.70	52.70	55.50	55.30	56.00
1982	"	47.90	49.20	53.40	54.30	58.80	57.30
COWS							
1981	Cwt.	40.60	42.70	41.10	41.70	42.50	42.30
1982	"	36.50	37.00	38.20	38.70	41.70	41.80
STEERS & HEIFERS							
1981	Cwt.	59.80	58.20	57.70	59.70	59.90	60.00
1982	"	54.10	55.50	59.40	59.90	64.50	62.40
CALVES							
1981	Cwt.	63.50	63.30	63.70	63.50	65.50	63.90
1982	"	48.40	50.70	57.00	55.40	58.00	59.10
SHEEP							
1981	Cwt.	26.20	26.80	30.40	21.50	22.20	23.50
1982	"	32.40	25.80	22.60	17.60	17.10	17.80
LAMBS							
1981	Cwt.	53.50	52.10	57.40	65.90	68.00	60.40
1982	"	50.60	55.00	64.50	64.00	66.80	59.60
WOOL							
1981	Lb.	.750	.760	.730	.680	.720	.760
1982	"	.550	.500	.450	.390	.310	.310
TURKEYS							
1981	Lb.	.400	.380	.400	.400	.410	.430
1982	"	-	-	-	-	-	-
EGGS							
1981	Doz.	.550	.530	.510	.570	.460	.480
1982	"	.560	.550	.590	.540	.410	.380
ALL MILK							
1981	Cwt.	14.20	14.20	14.00	13.60	13.40	13.30
1982	"	14.20	14.10	13.90	13.40	13.00	13.00
MILK, FLUID MARKET							
1981	Cwt.	14.40	14.30	14.10	13.70	13.60	13.40
1982	"	14.20	14.20	14.00	13.50	13.10	13.10
MILK, MFG. GRADE							
1981	Cwt.	12.20	12.20	12.30	12.10	11.90	11.80
1982	"	12.30	12.40	12.30	12.20	12.10	12.00
MILK COWS 1/							
1981	Head	1,250.00	1,280.00	1,250.00	1,230.00	1,240.00	1,240.00
1982	"	1,110.00	-	-	1,080.00	-	-

Prices received by farmers: Selected commodities, by months, Ohio, 1981-82 (cont-d)

Commodity and year	Unit	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
				Dollars			
CORN							
1981	Bu.	3.23	2.88	2.60	2.61	2.37	2.36
1982	"	2.48	2.39	2.08	1.87	2.07	2.25
SOYBEANS							
1981	Bu.	7.21	6.85	6.36	6.22	6.15	6.08
1982	"	6.12	5.64	5.17	4.99	5.32	5.48
WHEAT							
1981	Bu.	3.54	3.52	3.67	3.76	3.87	3.74
1982	"	3.20	3.05	2.93	2.73	3.08	3.10
OATS							
1981	Bu.	2.02	2.00	2.18	1.99	2.10	2.29
1982	"	1.54	1.45	1.43	1.33	1.39	1.45
ALL HAY							
1981	Ton	55.00	88.00	66.00	79.00	105.00	109.00
1982	"	71.00	67.00	64.00	88.00	110.00	105.00
ALL POTATOES							
1981	Cwt.	8.10	7.00	5.50	5.55	6.80	6.00
1982	"	6.80	3.70	3.60	5.20	6.20	6.30
HOGS							
1981	Cwt.	50.40	50.80	49.60	45.50	43.60	40.60
1982	"	60.30	63.50	62.30	56.00	53.10	54.40
CATTLE, ALL BEEF							
1981	Cwt.	54.20	52.80	51.80	48.20	47.40	45.90
1982	"	53.70	51.10	51.40	49.10	47.10	45.70
COWS							
1981	Cwt.	42.10	41.60	39.90	36.80	36.10	34.40
1982	"	40.20	39.30	37.90	37.50	35.20	34.90
STEERS & HEIFERS							
1981	Cwt.	59.30	58.10	58.00	55.00	54.80	52.80
1982	"	58.20	57.50	56.30	54.10	52.50	50.60
CALVES							
1981	Cwt.	57.40	58.00	54.40	49.40	49.50	47.90
1982	"	54.70	55.40	56.30	50.90	48.40	48.00
SHEEP							
1981	Cwt.	19.10	20.90	18.50	19.00	22.30	24.60
1982	"	19.80	18.20	20.90	17.50	21.90	23.70
LAMBS							
1981	Cwt.	55.00	50.10	45.90	46.60	44.30	44.60
1982	"	52.60	50.50	49.40	47.70	47.30	49.30
WOOL							
1981	Lb.	.720	.680	.680	.720	.660	.670
1982	"	.310	.290	.300	.300	.300	.300
TURKEYS							
1981	Lb.	.430	.420	.400	310	.340	.330
1982	"	-	-	-	-	-	-
EGGS							
1981	Doz.	.530	.520	.600	.580	.680	.565
1982	"	.450	.380	.440	.470	.440	.430
ALL MILK							
1981	Cwt.	13.20	13.40	13.90	14.20	14.20	14.40
1982	"	13.00	13.30	13.70	14.00	14.20	14.30
MILK, FLUID MARKET							
1981	Cwt.	13.30	13.50	14.10	14.40	14.40	14.60
1982	"	13.10	13.40	13.90	14.10	14.30	14.40
MILK, MFG. GRADE							
1981	Cwt.	11.90	11.90	12.00	12.20	12.30	12.40
1982	"	12.00	11.90	12.10	12.30	12.50	12.50
MILK COWS 1/							
1981	Head	1,200.00	1,200.00	1,180.00	1,170.00	1,170.00	1,140.00
1982	"	1,060.00	-	-	1,020.00	-	-

Average prices: Selected commodities, Ohio, 1981-82 1/

Commodity	Unit	1981	1982	Commodity	Unit	1981	1982
		Dollars				Dollars	
Corn for grain	Bu.	2.48	2.55	Hogs	Cwt.	44.60	53.90
Soybeans	Bu.	6.18	5.60	Sows	Cwt.	40.30	47.60
Wheat	Bu.	3.55	3.15	Barrows & gilts	Cwt.	45.30	54.70
Oats	Bu.	2.12	1.45	Cattle	Cwt.	52.00	51.50
All hay	Ton	85.50	84.00	Cows	Cwt.	39.70	38.00
Rye	Bu.	3.60	3.45	Steers & heifers	Cwt.	57.80	57.10
Popcorn (shelled)	Cwt.	12.60	2/	Calves	Cwt.	56.50	53.00
Red clover seed	Cwt.	55.00	2/	Sheep	Cwt.	22.40	20.40
Timothy seed	Cwt.	23.00	2/	Lambs	Cwt.	53.00	53.80
Tobacco - all	Lb.	1.71	1.73	Wool	Lb.	.720	.410
Burley (31)	Lb.	1.79	1.83	Farm chickens	Lb.	.094	.096
Other (42-44)	Lb.	1.05	.30	Com'l broilers 3/	Lb.	.265	.240
All potatoes	Cwt.	6.15	5.20	Turkeys	Lb.	.380	.400
Sugar beets	Ton	28.90	4/	Eggs	Doz.	.580	.510
Apples	Lb.	.206	.152	Milk, Whsl., all	Cwt.	13.80	13.50
Peaches	Lb.	.310	.320	Milk eligible for fluid market	Cwt.	14.00	13.60
Grapes	Ton	198	203	Milk, mfg. grade	Cwt.	12.10	12.30
Maple sirup	Gal.	18.20	2/	Milk cows 5/	Head	1,210	1,070

1/Crops, season average price; chickens and hogs, December-November season average price; other items, annual average price. 2/Discontinued. 3/Live weight equivalent price. 4/No crop produced in 1982. 5/For milk herd replacements.

Indexes of Prices Received by Farmers, Ohio; Consumer Price Index, and Producer Price Index, U.S., 1981-82 1/

Month	All farm products		Lvstk. & Lvstk. Products		All crops 2/		Consumer (CPI)		Producer (wholesale)	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
	1977=100						1967=100			
January	135	123	133	129	136	117	261	283	284	298
February	133	123	130	133	135	113	263	283	288	299
March	134	124	130	136	137	113	265	283	290	298
April	133	126	130	136	137	117	267	284	293	298
May	131	130	128	140	135	120	269	287	294	299
June	130	126	130	139	130	114	271	291	295	299
July	130	124	132	138	128	112	274	292	296	301
August	128	121	134	138	123	104	277	293	296	300
September	125	118	136	140	115	97	279	293	296	299
October	124	114	133	136	115	93	280	294	296	300
November	122	116	132	133	114	100	281	294	296	300
December	119	118	126	133	113	103	282	292	296	301

1/1982 data are preliminary. 2/Includes indexes for fruit, potatoes, vegetables and cash crops.

Prices paid for feed, by months, Ohio, 1981-83

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
					Hog feed, 14-18% protein, per cwt.							
1981	12.00	12.00	11.00	11.30	11.50	12.00	11.00	11.00	11.00	11.00	10.50	10.00
1982	10.00	10.50	11.00	10.70	10.70	10.90	10.70	10.30	10.50	9.80	9.50	10.10
1983	10.10	10.70	10.50	11.00								
					Hog concentrate, 38-42% protein, per cwt.							
1981	17.30	17.50	16.50	16.80	17.00	16.50	16.50	16.70	16.30	15.50	15.40	15.50
1982	15.40	15.60	15.40	15.50	15.50	15.40	15.00	14.50	15.10	14.50	14.30	14.70
1983	15.10	15.20	15.30	15.60								
					Beef cattle concentrate, 32-36% protein, per cwt.							
1981	14.50	14.50	14.00	14.00	14.50	14.00	14.00	13.50	13.50	13.50	13.50	13.50
1982	13.40	13.70	13.70	13.50	14.00	13.80	13.80	13.50	13.00	12.50	12.50	13.20
1983	13.60	13.60	13.70	14.10								
					Dairy feed, 16% protein, per ton							
1981	205	215	190	198	200	205	198	190	196	197	186	183
1982	179	180	178	176	186	189	187	180	179	166	165	170
1983	172	180	173	181								
					Dairy feed, 32% protein, per ton							
1981	295	310	285	285	290	300	285	285	285	270	265	270
1982	270	270	275	270	275	290	270	260	260	255	250	260
1983	265	270	265	275								
					Laying feed, per ton							
1981	205	210	210	210	210	220	215	210	210	215	198	193
1982	185	190	191	190	200	200	182	175	185	180	175	178
1983	180	180	185	205								
					Turkey grower, per ton							
1981	220	220	250	255	250	255	250	235	240	240	235	230
1982	220	220	220	220	230	235	205	195	188	185	185	190
1983	190	195	195	210								

Feed price ratios, by months, Ohio, 1981-83

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
					Egg-feed ratio 1/							
1981	5.4	4.7	4.6	4.9	4.7	4.3	4.9	4.5	4.7	5.4	6.9	5.9
1982	6.1	5.8	6.2	5.7	4.1	3.9	5.1	4.3	4.8	5.2	5.0	4.8
1983 4/	4.7	5.0	4.8	4.5								
					Hog-corn ratio 2/							
1981	12.9	13.0	11.8	11.9	12.9	14.7	15.6	17.6	19.1	17.4	18.4	17.2
1982	17.3	20.4	20.0	20.5	21.7	23.4	24.3	26.6	30.0	29.9	25.7	24.2
1983 4/	22.8	21.8	18.1	15.6								
					Milk feed ratio 3/							
1981	1.39	1.31	1.46	1.37	1.34	1.30	1.33	1.41	1.42	1.44	1.53	1.57
1982	1.58	1.57	1.56	1.52	1.39	1.37	1.38	1.48	1.53	1.69	1.72	1.68
1983 4/	1.63	1.54	1.60	1.51								

1/Pounds of feed equal in value to 1 dozen eggs. 2/Bushels of corn equal in value to 100 pounds of hog, live weight. 3/Pounds of 16% dairy feed equal in value to 1 pound of whole milk. 4/1983 data are preliminary.

Prices paid for fuels: By months, Ohio, 1981-83

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
					Gasoline, service station, (unleaded), per gallon							
1981	1.26	1.36	1.38	1.37	1.36	1.34	1.34	1.35	1.36	1.35	1.36	1.36
1982	1.35	1.33	1.28	1.22	1.23	1.32	1.34	1.34	1.32	1.31	1.30	1.29
1983	1.25	1.20	1.17	1.24								
					Gasoline, bulk delivery, (leaded regular), per gallon							
1981	1.21	1.30	1.32	1.31	1.30	1.29	1.30	1.29	1.30	1.30	1.30	1.30
1982	1.29	1.26	1.21	1.16	1.19	1.27	1.28	1.28	1.27	1.26	1.25	1.20
1983	1.19	1.16	1.12	1.18								
					Diesel fuel, per gallon							
1981	1.10	1.20	1.23	1.22	1.20	1.19	1.18	1.17	1.17	1.17	1.17	1.19
1982	1.19	1.18	1.11	1.07	1.09	1.16	1.17	1.16	1.14	1.16	1.18	1.12
1983	1.13	1.10	1.04	1.00								
					L.P. gas, bulk delivery, per gallon (United States)							
1981	.67	.71	.70	.70	.70	.70	.70	.70	.70	.70	.71	.71
1982	.71	.70	.67	.66	.66	.65	.66	.67	.73	.77	.80	.80
1983	.78	.77	.77	.77								

Balance sheet of the farming sector, Ohio and United States, January 1, 1981-82 1/

Item	Ohio		United States	
	1981	1982 2/	1981	1982 2/
	Thousands			
Farms	94	93	2,434	2,400
Assets	Million dollars		Billion dollars	
Total farm assets	31,784.0	27,967.2	983.3	983.6
Real estate 3/	24,561.3	20,859.8	760.0	756.0
Livestock and poultry 4/	1,193.3	1,077.0	60.8	53.6
Machinery and motor vehicles 5/	3,681.3	3,959.8	97.0	105.5
Crops 6/	1,353.3	1,046.6	35.9	36.5
Financial assets	994.8	1,024.0	29.5	32.0
Claims				
Total farm debt	4,279.2	4,684.4	163.1	181.6
Real estate debt 7/	2,389.0	2,622.8	84.1	93.3
Nonreal estate debt 8/	1,776.3	1,923.6	74.1	80.3
CCC loans 9/	114.0	138.0	5.0	8.0
Equity	27,504.8	23,282.8	820.1	802.0
Ratios	Ratio			
Equity/assets	86.5	83.3	83	82
Debt/equity	15.6	20.1	20	23
Debt/assets, total	13.5	16.7	17	18
Debt/assets, real estate	9.7	12.6	11	12
Debt/assets, nonreal estate and CCC	26.2	29.0	35	39
Returns to operator/total debt	-2.6	N/A	11	N/A

1/Data are for farms with sales of $1,000 or more annually. 2/Preliminary. 3/Excludes value of operator dwellings. 4/Excludes horses, mules and broilers. 5/Includes only farm share value for trucks and qutos. 6/All crops held on farms, including crops under CCC and crops held off farms by farm operators. 7/Excludes debt on operator dwellings. 8/Excludes debt for nonfarm purposes. 9/Nonrecourse Commodity Credit Corporation (CCC) loans secured by crops, and storage and drying facilities owned by farmers.

Source: Economic Indicators of the Farm Sector, Income and Balance Sheet Statistics, 1981, USDA, ERS, October 1982. (ECIFS1-1, ECIFS1-2)

Farm income statement of U.S. and Ohio agriculture, 1980 and 1981

Item	Ohio		United States 1/	
	1980	1981 2/	1980	1981 2/
Farm income	Million dollars			
Gross farm income:				
Cash receipts from farm marketings	4,181.9	3,447.1	139,535	143,466
Government payments to farm operators and landlords	9.4	24.1	1,286	1,932
Home consumption of farm products	33.0	29.2	1,157	1,164
Rental value of farm dwellings	651.5	674.6	11,373	12,728
Other farm income 3/	44.6	55.6	1,550	1,934
Total realized gross farm income	4,920.3	4,230.6	154,901	161,225
Production costs:				
Feed bought	332.1	348.6	18,618	18,905
Livestock bought, except horses and mules	91.1	86.4	10,539	3,916
Seed bought 4/	144.4	170.5	3,351	3,956
Fertilizer and lime bought	443.6	448.4	9,922	10,074
Repairs and operation of capital items 5/	561.8	603.9	16,096	17,738
Wages for hired labor (cash and perquisites) 6/	184.2	133.1	10,411	11,114
Miscellaneous 7/	602.0	706.6	22,315	27,208
Total current farm operating expenses	2,359.2	2,497.6	91,252	97,910
Depreciation and other consumption of farm capital 8/	973.0	923.0	22,003	23,779
Taxes on farm property	134.7	140.5	4,185	4,543
Interest on mortgage debt	221.1	269.2	7,309	8,878
Net rent and government payments to nonoperator landlords 9/	223.4	133.2	5,737	6,526
Total production expenses	3,911.5	3,963.5	130,485	141,636
Net farm income before inventory adjustment	1,008.8	267.1	24,416	19,588
Net change in farm inventories	-411.4	+3.7	-4,292	+5,528
Total net farm income after inventory adjustment	597.3	270.9	20,125	25,117
Number of farms (thousand)	95	94	2,428	2,436
Total gross farm income per farm (dollars)	51,793	45,007	63,802	66,189
Total net farm income per farm (dollars) 10/	6,288	2,882	8,289	10,312
	Percent			
Net farm income as percent of gross 10/	12.1	6.4	13.0	15.6
Net farm income as percent of previous year 10/	65.0	45.4	62.2	124.8

1/Includes Alaska and Hawaii. 2/Preliminary. 3/Machine hire and custom work and recreational income. 4/Includes bulbs, plants, and trees. 5/Repairs and maintenance of buildings, repairs, and operation of motor vehicles and other machinery, and petroleum fuel and oil used in the farm business 6/Includes cash wages, perquisites, and social security taxes paid by employers. 7/Includes binding, Federal crop insurance, containers, dairy supplies, electricity, greenhouse and nursery products, grazing fees, harness and saddlery, net insurance premiums (fire, wind, and crop hail), irrigation, livestock marketing service (excluding feed and transportation), milk hauling, miscellaneous hardware (including blacksmithing), machine hire and custom work, miscellaneous livestock and poultry supplies, pesticides, small handtools, short-term interest, telephones (business share), vet. services and medicines (plus insemination) and other miscellaneous. 8/Includes depreciation and accidental damage to farm buildings and depreciation of motor vehicles and other farm machinery and equipment. 9/After subtracting taxes, mortgage interest and other expenses paid by landlords. 10/Net farm income after inventory adjustment.

Source: Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics, 1981, Statistical Bulletin Number ECIFS 1-2, USDA, ERS, October 1982.

Federal Land Bank, Production Credit Association and operating bank loans, Ohio, 1960-82

Year	Federal Land Bank loans				Production Credit Assn.			All operating banks	
	Loans made previous year		Loans outstanding January		Members having outstanding loans Jan. 1	Loans made previous year	Loans outstanding Jan. 1	Amount of ag. loans outstanding	
	Number	Dollars	Number	Dollars				Farm real estate Jan. 1	Non-real estate fm. loans Jan. 1
		Thou.		Thou.			Thousand dollars		
1960	1,798	19,999	9,964	78,554	18,374	99,013	76,227	85,571	113,436
1961	1,276	17,789	10,282	87,333	18,005	98,478	79,308	89,512	114,774
1962	1,379	22,696	10,485	97,409	17,795	101,459	82,666	92,312	118,730
1963	1,325	22,486	10,610	105,659	17,899	113,631	90,178	105,307	124,910
1964	1,313	22,710	10,567	112,593	18,215	123,398	97,320	120,299	133,108
1965	1,553	31,291	10,676	125,525	18,393	132,676	103,418	135,993	139,522
1966	1,747	43,463	10,894	144,639	18,782	148,375	114,854	146,802	149,255
1967	1,752	50,118	11,163	170,192	18,781	166,496	128,703	155,975	161,815
1968	1,458	43,113	11,399	192,718	19,024	181,039	150,221	172,393	177,308
1969	993	27,690	11,296	200,075	18,482	188,848	153,064	187,752	183,003
1970	982	31,843	11,322	211,971	17,906	199,702	160,585	199,762	186,072
1971	867	19,444	11,425	215,252	17,535	218,619	177,901	212,593	191,559
1972	1,108	39,667	11,257	226,543	18,859	273,468	220,081	237,745	218,460
1973	1,235	50,579	11,049	242,934	20,459	324,766	270,138	267,294	224,868
1974	1,630	84,557	11,207	288,244	21,678	422,422	335,612	299,209	264,811
1975	2,174	121,971	12,033	368,908	22,860	490,636	397,568	322,311	276,260
1976	2,801	155,460	18,630	456,443	24,490	585,190	475,614	329,725	315,264
1977	1,975	183,461	13,021	549,395	26,067	697,394	559,984	376,627	347,070
1978	2,513	202,488	13,210	660,902	27,516	821,799	664,235	432,006	409,638
1979	2,114	235,726	13,669	793,800	28,602	960,854	767,856	448,863	453,579
1980	2,319	279,756	14,386	955,717	29,129	1,098,894	871,724	456,931	481,570
1981	2,029	260,400	15,179	1,114,262	28,879	1,189,569	908,005	470,139	474,333
1982	2,419	315,536	16,390	1,318,372	28,661	1,256,319	974,984	463,926	504,971

Source: Agricultural Statistics, 1960-82.

Farm real estate debt - amount outstanding by lender, Ohio, 1960-82

Year	Farm real estate debt - amount held Jan. 1						Farm non real estate debt outstanding January 1, total institutions and banks
	Federal Land Banks	Life Insurance companies	Farmers Home Administration	All banks	Individual and others	Total farm real estate debt	
				Thousand dollars			
1960	78,554	78,993	8,242	85,571	132,791	384,151	197,764
1961	87,333	82,733	8,811	89,512	140,192	408,581	201,957
1962	97,414	86,310	11,562	92,312	150,108	437,706	210,083
1963	105,659	91,869	12,894	105,307	163,570	479,299	224,667
1964	112,599	98,903	14,277	120,299	181,030	527,108	239,805
1965	125,525	110,157	15,664	135,993	203,453	590,792	251,959
1966	144,639	118,094	18,262	146,802	226,622	654,419	273,574
1967	170,194	122,499	20,291	155,975	240,031	708,989	300,837
1968	192,754	126,500	22,508	172,393	257,987	772,142	338,009
1969	200,125	125,000	25,084	187,752	287,553	825,514	347,038
1970	212,156	110,300	27,842	199,762	309,845	859,905	357,915
1971	215,335	103,900	29,808	212,593	321,867	883,503	380,673
1972	226,696	97,500	31,941	237,745	337,398	931,280	451,750
1973	243,037	92,600	34,045	267,294	380,113	1,017,089	508,736
1974	287,232	89,600	36,186	299,209	450,212	1,162,439	616,103
1975	364,312	88,700	39,256	322,311	479,331	1,293,910	691,811
1976	450,444	89,500	42,154	329,725	529,111	1,440,934	807,677
1977	543,961	102,900	44,014	376,627	588,869	1,656,371	923,042
1978	655,480	135,200	47,713	432,006	651,657	1,922,056	1,091,326
1979	786,911	191,600	54,224	448,863	672,744	2,154,342	1,261,563
1980	946,856	252,400	101,893	456,931	706,296	2,464,376	1,417,741
1981	1,104,292	298,000	115,132	470,139	750,479	2,738,042	1,481,960
1982	1,305,087	296,694	142,167	463,926	794,480	3,002,354	1,600,413

Source: Agricultural Finance Statistics 1960-75; Agricultural Statistics 1976-82.

PROFILE OF OHIO AGRICULTURE 1982 1/

Commodity	Unit	Ohio Rank	Ohio Prod. or 2/ inventory	Ohio Value of production	State	United States Prod. or inventory	United States Value of production
			Thousands			Thousands	
Field Crops							
Corn for grain	Bu.	6	475,020	1,045,044	Iowa	1,591,150	3,580,088
Corn for silage	Ton	9	4,320	N/A	Wisconsin	11,352	N/A
Oats	Bu.	8	23,800	34,510	S. Dakota	133,800	173,940
Wheat, winter	Bu.	13	55,000	173,250	Kansas	462,000	1,547,700
Rye	Bu.	21	155	690	S. Dakota	4,680	11,466
Soybeans	Bu.	6	138,010	752,155	Illinois	336,990	2,073,494
Hay, all (baled)	Ton	18	3,580	340,100	Wisconsin	13,158	907,902
Sugar beets	Ton		0	0	Minnesota	4,781	3/
Potatoes, all	Cwt.	16	2,628	13,718	Idaho	89,890	368,549
Tobacco: Burley (31)	Lb.	5	28,350	51,881	Kentucky	539,000	985,831
Other (42-44)	Lb.	1	3,510	3,159	Ohio	3,510	3,159
Vegetables, Fresh, Total 4/	Cwt.	14	2,161	23,861	California	104,492	1,274,581
Sweet corn	Cwt.	4	1,040	12,064	Florida	4,803	65,752
Lettuce	Cwt.	13	83	2,656	California	44,250	469,255
Tomatoes	Cwt.	15	193	4,593	Florida	12,722	303,140
Celery	Cwt.	5	189	1,754	California	12,812	128,670
Onions, storage	Cwt.	10	188	1,437	New York	4,550	32,434
Vegetables, Processing							
Tomatoes for processing	Ton	2	368	32,798	California	6,148	421,138
Fruit							
Apples	Lb.	8	165,000	25,112	Washington	2,750,000	297,400
Grapes	Ton	8	9	1,823	California	5,958	1,196,003
Peaches	Lb.	29	300	96	California	1,358,000	130,681
Strawberries	Cwt.	6	125	6,500	California	6,272	294,419
Poultry and Poultry Products							
Chickens, total inv., Dec. 1, 1982	Head	10	15,600	-	California	41,600	-
Chickens - production	Lb.	8	52,593	5,049	Arkansas	115,154	13,128
Broilers - production	Lb.	24	54,000	12,960	Arkansas	2,473,439	667,829
Turkey production	Lb.	15	57,780	23,112	N. Carolina	477,900	195,939
Egg production, Dec. 1981-Nov. 1982	000 eggs	10	2,755	117,088	California	8,288	363,290
Livestock							
Hogs & pigs inv., Dec. 1, 1982	Head	8	1,820	-	Iowa	14,300	-
Hogs & pigs production (live wt.)	Lb.	8	683,634	363,666	Iowa	5,188,789	2,655,235
All cattle & calves inv. Jan. 1, 1983	Head	22	1,900	-	Texas	15,000	-
Cattle & calves production (live wt.)	Lb.	19	636,300	327,893	Texas	5,824,210	3,515,171
Beef cows inv., Jan. 1, 1983	Head	31	372	-	Texas	6,265	-
Milk cows inv., Jan. 1, 1983	Head	7	393	-	Wisconsin	1,830	-
Sheep & lamb inv., Jan. 1, 1983	Head	14	275	-	Texas	2,225	-
Sheep & lamb production (live wt.)	Lb.	14	16,088	8,120	Texas	124,060	53,008
Milk and Dairy Products							
Milk production	000 lb.	7	4,550	-	Wisconsin	23,230	-
All cheese	Lb.	11	94,063	-	Wisconsin	1,644,529	-
Swiss cheese	Lb.	2	40,101	-	Illinois	51,325	-
American type cheese	Lb.	13	37,922	-	Wisconsin	1,111,333	-
Lowfat cottage cheese	Lb.	4	18,791	-	California	49,296	-
Creamed cottage cheese	Lb.	3	52,057	-	New York	106,930	-
Cottage cheese curd	Lb.	3	46,322	-	New York	101,296	-
Ice cream	Gal.	5	46,669	-	California	95,523	-
Ice milk	Gal.	2	20,866	-	California	27,743	-
Milk sherbet	Gal.	4	2,959	-	California	4,747	-
Water ices	Gal.	2	2,626	-	California	3,481	-
Butter	Lb.	8	33,586	-	Wisconsin	288,598	-
Manufacturing dairy plants (not 000)	No.	4	95	-	Wisconsin	394	-

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Commodity	Unit	Ohio			United States		
		Rank	Prod. or inventory 2/	Value of production	State	Prod. or inventory	Value of production
			Thousands			Thousands	
Cattle slaughtered	Head	14	658.3	-	Texas	5,702.2	-
Hogs slaughtered	Head	5	4,199.3	-	Iowa	18,663.2	-
Calves slaughtered	Head	19	25.1	-	New York	674.1	-
Sheep & lambs slaughtered	Head	16	24.4	-	California	1,431.0	-
Wool	Lb.	14	2,142	878	Texas	18,700	15,708
Red meat production	Lb.	12	1,102,585	-	Iowa	5,393,033	-
Livestock slaughtering establishments, (not 000) 1/1/83	No.	4	278	-	Iowa	351	-
Miscellaneous							
Grape products	Ton	6	8.7	1,688	California	4,521.0	904,200
Number of farms 1982	No.	8	93.0		Texas	185.0	-
Operations with cattle	No.	12	47.0	-	Texas	160.0	-
Operations with hogs	No.	10	16.0	-	Iowa	51.0	-
Operations with sheep	No.	4	8.0	-	Iowa	14.0	-
Fertilizer consumption (July 1981-June 1982)	Ton	6	2,250.9	-	Illinois	4,372.3	-

1/Data reported for 1982 unless noted otherwise in stub heading. 2/Thousands unless otherwise in stub heading. 3/Not available at time of publication. 4/Includes small quantity of processing carrots.

Index numbers of crop and livestock production, Ohio, 1972-82 (1972-82 (1977=100)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Crops:										
Feed grains	66	72	84	104	100	100	109	115	94	124
Food grains	36	82	98	88	100	58	88	93	100	76
Soybeans	75	67	84	78	100	105	119	111	82	113
Other field crops	75	104	116	112	100	93	69	83	85	96
Seed crops and hay	93	85	100	100	100	109	102	101	98	101
Vegetables, all	85	96	105	115	100	100	88	73	76	97
Fruit	142	191	223	169	100	180	156	240	138	211
Total crops	71	75	89	94	100	100	109	110	90	113
Livestock & Livestock Products:										
Meat animals	105	102	105	110	100	93	111	103	102	105
Poultry & poultry products	104	105	105	101	100	113	111	110	114	128
Milk	96	95	96	100	100	96	96	97	98	102
Wool	138	129	111	105	100	85	78	70	70	66
Total livestock & products	101	100	101	105	100	97	104	101	102	107
Total, all commodities	81	83	93	98	100	99	108	107	94	111